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1 Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited. [LAC 33:III.1103]

2 Outdoor burning of waste material or other combustible material is prohibited. [LAC 33:III.1109.B]

3 Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited. [LAC 33:III.1303.B]

4 Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5. [LAC 33:III.2113.A]

5 Nonhalogenated hydrocarbon burning: Temperature >= 1300 F (704 degrees C) for 0.3 second or greater in a direct-flame afterburner or an equally effective device which achieves a removal efficiency of 95 percent or greater, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 50 ppm by volume, whichever is less stringent. [LAC 33:III.2115.A]
Which Months: All Year Statistical Basis: None specified

6 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.B]
Which Months: All Year Statistical Basis: None specified

7 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.C]
Which Months: All Year Statistical Basis: None specified

8 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.D]
Which Months: All Year Statistical Basis: None specified

9 VOC, Total <= 0.12 kg/1000 kg of product from the material recovery section. [LAC 33:III.2115.E]
Which Months: All Year Statistical Basis: None specified

10 Halogenated hydrocarbons, total >= 95 % removal efficiency as determined in accordance with LAC 33:III.2115.J.1, by combustion or other methods specified in LAC 33:III.2115.G. If combusted, reduce the halogenated products of combustion to an emission level acceptable to DEQ. [LAC 33:III.2115.F]
Which Months: All Year Statistical Basis: None specified

11 Determine compliance with LAC 33:III.2115.A through G by applying the test methods specified in LAC 33:III.2115.I.1 through 5, as appropriate. [LAC 33:III.2115.I]

12 Demonstrate compliance with LAC 33:III.2115 as requested by DEQ. [LAC 33:III.2115.J.1]

13 Install and maintain monitors to accurately measure and record operational parameters of all required control devices as necessary to ensure the proper functioning of those devices in accordance with design specifications. Monitor and record at a minimum the parameters listed in LAC 33:III.2115.J.2.a through e. [LAC 33:III.2115.J.2]

14 Comply with LAC 33:III.2115 as soon as practicable but in no event later than August 20, 2003. Comply with the requirements of LAC 33:III.2115 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2115 as a result of a revision of LAC 33:III.2115. [LAC 33:III.2115.J]

15 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.2115.K.1 through K.3. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

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16 Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance. [LAC 33:III.219]

17 Do not fire an affected point source with Number 6 Fuel Oil or perform testing of emergency and training combustion units without prior approval of DEQ on a day that is designated as an Ozone Action Day by DEQ. [LAC 33:III.2201.D.9]

18 Establish an emission factor for each applicable affected point source such that if each affected point sources was operated at its averaging capacity, the cumulative emission factor in pounds NOx/MMBtu from all point sources in the averaging group would not exceed the facility-wide emission factor. Use the equations in LAC 33:III.2201.E.a to calculate the cumulative emission rate and the facility-wide emission factor. [LAC 33:III.2201.E.1.a]

19 Include in the submitted plan a description of the actions that will be taken if any under-controlled unit is operated at more than 10 percent above its averaging capacity. [LAC 33:III.2201.E.1.d]

20 Equipment/operational data recordkeeping by electronic or hard copy continuously. Carry out recordkeeping that includes, but is not limited to, a record of the data on which the determination of each point source's hourly, daily, or 30-day, as appropriate, compliance with the facility-wide averaging plan is based. [LAC 33:III.2201.E.1.i]

21 Comply with the facility-wide averaging plan as approved by DEQ. [LAC 33:III.2201.E.1]

22 Submit a request for approval to use a facility-wide averaging plan, that includes the details of the plan, to DEQ either separately or with the permit application or in the optional compliance plan described in LAC 33:III.2201.F.7. [LAC 33:III.2201.E.1]

23 Perform NOx emissions testing for all point sources that are subject to the emission limitations of LAC 33:III.2201.D or used in one of the alternative plans of LAC 33:III.2201.E, as specified in LAC 33:III.2201.G.2 through G.7. Test results must demonstrate that actual NOx emissions are in compliance with the appropriate limits of LAC 33:III.Chapter 22. Also measure CO, SO2, PM10, and VOC if modifications could cause an increase in emissions of any of these compounds. [LAC 33:III.2201.G.2]

24 Submit report: Due annually, by the 1st of July. Submit ammonia emissions resulting from the operation of a NOx control equipment system in accordance with LAC 33:III.5107.A. [LAC 33:III.2201.I.5]

25 Modify and/or install and bring into normal operation NOx control equipment and/or NOx monitoring systems in accordance with LAC 33:III.Chapter 22 as expeditiously as possible, but by no later than May 1, 2005, except as provided in LAC 33:III.2202. [LAC 33:III.2201.J.1]

26 Complete all initial compliance testing, specified by LAC 33:III.2201.G, for equipment modified with NOx reduction controls or a NOx monitoring system to meet the provisions of LAC 33:III.Chapter 22 within 60 days of achieving normal production rate or after the end of the shake down period, but in no event later than 180 days after initial start-up, except as provided in LAC 33:III.2202. [LAC 33:III.2201.J.2]

27 Complete required testing to demonstrate the performance of existing, unmodified equipment in a timely manner, but by no later than November 1, 2005, except as provided in LAC 33:III.2202. [LAC 33:III.2201.J.2]

28 Comply with applicable emission factors in Table B-1 of LAC33:III.2202.B as expeditiously as possible, but not later than two years after determination and notification by the EPA in accordance with LAC33:III.2202.A. [LAC 33:III.2202.C.1]

29 Complete required testing to demonstrate the performance of existing, unmodified equipment in a timely manner, but by no later than 30 months after determination and notification by the EPA in accordance with LAC33:III.2202.A. [LAC 33:III.2202.C.2]

30 Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited. [LAC 33:III.2901.D]

31 If requested to monitor for odor intensity, take and transport samples in a manner which minimizes alteration of the samples either by contamination or loss of material. Evaluate all samples as soon after collection as possible in accordance with the procedures set forth in LAC 33:III.2901.G. [LAC 33:III.2901.F]

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32 Equipment/operational data <=_ appropriate units. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

33 Equipment/operational data monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

34 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total xxxxxxxxxxxxxxxxxxxxxx each month, as well as the total xxxxxxxxxxxxxxxx for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

35 Submit report: Due annually, by the 31st of March. Report the xxxxxxxxxxxxxxxxxx for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

36 Do not construct or modify any stationary source subject to any standard set forth in LAC 33:III.Chapter 51.Subchapter A without first obtaining written authorization from DEQ in accordance with LAC 33:III.Chapter 51.Subchapter A, after the effective date of the standard. [LAC 33:III.5105.A.1]

37 Do not cause a violation of any ambient air standard listed in LAC 33:III.Table 51.2, unless operating in accordance with LAC 33:III.5109. [LAC 33:III.5105.A.2]

38 Do not build, erect, install, or use any article, machine, equipment, process, or method, the use of which conceals an emission that would otherwise constitute a violation of an applicable standard. [LAC 33:III.5105.A.3]

39 Do not fail to keep records, notify, report or revise reports as required under LAC 33:III.Chapter 51.Subchapter A. [LAC 33:III.5105.A.4]

40 Submit initial annual emissions report (TEDI) to DEQ within 180 days of December 20, 1991. Identify the quantity of emissions of toxic air pollutants listed in Table 51.1 for the calendar year 1991. [LAC 33:III.5107.A.1]

41 Submit Annual Emissions Report (TEDI): Due annually, by the 1st of July, to the Office of Environmental Assessment, Environmental Evaluation Division in a form specified by the department. Identify the quantity of emissions in the previous calendar year for any toxic air pollutant listed in Table 51.1 or Table 51.3. [LAC 33:III.5107.A.2]

42 Include a certification statement with initial and subsequent annual emission reports and revisions to any emission report to attest that the information contained in the emission report is true, accurate, and complete, and signed by a responsible official, as defined in LAC 33:III.502. Include the full name of the responsible official, title, signature, date of signature and phone number of the responsible official. The certification statement shall read: "I certify, under penalty of perjury, that the emissions data provided is accurate to the best of my knowledge, information, and belief, and I understand that submitting false or misleading information will expose me to prosecution under state regulations." [LAC 33:III.5107.A.3]

43 Submit notification: Due to the Department of Public Safety 24-hour Louisiana Emergency Hazardous Materials Hotline at (225) 925-6595 immediately, but no later than 1 hour, after any discharge of a toxic air pollutant into the atmosphere which results or threatens to result in an emergency condition (a condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water or air environment, or cause severe damage to property). [LAC 33:III.5107.B.1]

44 Submit notification: Due to the Office of Environmental Compliance no later than 24 hours after the beginning of any unauthorized discharge into the atmosphere of a toxic air pollutant as a result of bypassing an emission control device, where the emission control bypass was not the result of an upset, except as provided in LAC 33:III.5107.B.6. Notify by telephone at (225) 763-3908 during office hours, (225) 342-1234 after hours, weekends, and holidays, or by email utilizing the Incident Report Form and procedures found at www.deq.state.la.us/surveillance. [LAC 33:III.5107.B.2]

45 Submit notification: Due to the Office of Environmental Compliance immediately, but in no case later than 24 hours after any unauthorized discharge of a toxic air pollutant into the atmosphere which does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:I.3931, except as provided in LAC 33:III.5107.B.6. Notify by telephone at (225) 763-3908 during office hours, (225) 342-1234 after hours, weekends, and holidays, or by email utilizing the Incident Report Form and procedures found at www.deq.state.la.us/surveillance. [LAC 33:III.5107.B.3]

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46 Submit written report: Due within seven calendar days of learning of any such discharge or equipment bypass as referred to in LAC 33:III.5107.B.1 through 3. Submit report to the Office of Environmental Compliance by certified mail. Include the information specified in LAC 33:III.5107.B.4.a.i through viii. [LAC 33:III.5107.B.4]

47 Report all discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure, or a bypass of an emission control device, regardless of quantity, in the annual emissions report and where otherwise specified. Include the identity of the source, the date and time of the discharge, and the approximate total loss during the discharge. [LAC 33:III.5107.B.5]

48 Submit to DEQ a compliance plan for achieving compliance with the ambient air standard(s), in accordance with LAC 33:III.5109.D. Include the elements listed under LAC 33:III.5109.E. [LAC 33:III.5109.B.1]

49 Submit to DEQ a certification of compliance with all ambient air standards, in accordance with LAC 33:III.5109.D. Include the elements listed under LAC 33:III.5109.E. [LAC 33:III.5109.B.2]

50 Achieve compliance with ambient air standards unless it can be demonstrated to the satisfaction of DEQ that compliance with an ambient air standard would be economically infeasible; that emissions could not reasonably be expected to pose a threat to public health or the environment; and that emissions would be controlled to a level that is Maximum Achievable Control Technology. [LAC 33:III.5109.B.3]

51 Determine the status of compliance, beyond the property line, with applicable ambient air standards listed in LAC 33:III.5112.Table 51.2. [LAC 33:III.5109.B]

52 Develop a standard operating procedure (SOP) within 120 days after achieving or demonstrating compliance with the standards specified in LAC 33:III.Chapter 51. Detail in the SOP all operating procedures or parameters established to ensure that compliance with the applicable standards is maintained and address operating procedures for any monitoring system in place, specifying procedures to ensure compliance with LAC 33:III.5113.C.5. Make a written copy of the SOP available on site or at an alternate approved location for inspection by DEQ. Provide a copy of the SOP within 30 days upon request by the department. [LAC 33:III.5109.C]

53 Obtain a Louisiana Air Permit in accordance with LAC 33:III.5111.B and C and in accordance with LAC 33:I.1701, before commencement of the construction of any new source. [LAC 33:III.5111.A.1]

54 Obtain a permit modification in accordance with LAC 33:III.5111.B and C before commencement of any modification not specified in a compliance plan submitted under LAC 33:III.5109.D, if the modification will result in an increase in emissions of any toxic air pollutant or will create a new point source. [LAC 33:III.5111.A.2.a]

55 Obtain written authorization from DEQ before commencement of any modification specified in a compliance plan submitted pursuant to LAC 33:III.5109. [LAC 33:III.5111.A.3]

56 Submit letter: Due to the Office of Environmental Services, Permits Division concurrently with the submittal of the compliance plan. Indicate that the necessary permit modification (or new permit if no existing permit is in place) will be applied for by a date specified in the compliance schedule and request written authorization to construct; or, Submit permit application: Due to the Office of Environmental Services, Permits Division in accordance with LAC 33:III.5111.B, concurrently with the submittal of the compliance plan. [LAC 33:III.5111.A.3]

57 Apply for a permit in accordance with LAC 33:III.5111.B, for any existing major source which is operating without a Louisiana Air Permit, or which is not fully permitted, or for any minor source that was once a major source. [LAC 33:III.5111.A.4]

58 Do not commence construction or modification of any major source without first obtaining written authorization from DEQ, as specified. [LAC 33:III.5111.A]

59 Submit notification in writing: Due to the Office of Environmental Compliance, Surveillance Division not more than 60 days nor less than 30 days prior to initial start-up. Submit the anticipated date of the initial start-up. [LAC 33:III.5113.A.1]

60 Submit notification in writing: Due to the Office of Environmental Compliance, Surveillance Division within 10 working days after the actual date of initial start-up of the source. Submit the actual date of initial start-up of the source. [LAC 33:III.5113.A.2]

61 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]

62 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]

63 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]

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64 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]

65 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]

66 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]

67 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]

68 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

69 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]

70 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]

71 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]

72 Submit performance evaluation report: Due to the Office of Environmental Assessment, Environmental Technology Division within 60 days of the monitoring system performance evaluation. [LAC 33:III.5113.C.2]

73 Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before a performance evaluation of the monitoring system is to begin. [LAC 33:III.5113.C.2]

74 Install a monitoring system on each effluent or on the combined effluent, when monitoring is required and the effluents from a single source, or from two or more sources subject to the same emission standards, are combined before being released to the atmosphere. If two or more sources are not subject to the same emission standards, install a separate monitoring system on each effluent, unless otherwise specified. If the applicable standard is a mass emission standard and the effluent from one source is released to the atmosphere through more than one point, install a monitoring system at each emission point unless DEQ approves the installation of fewer systems. [LAC 33:III.5113.C.3]

75 Evaluate the performance of continuous monitoring systems, upon request by DEQ, in accordance with the requirements and procedures contained in the applicable performance specification of 40 CFR Part 60, appendix B. [LAC 33:III.5113.C.5.a]

76 Submit report: Due to DEQ within 60 days of the performance evaluation of the CMS, if requested. Furnish DEQ with two or more copies of a written report of the test results within 60 days. [LAC 33:III.5113.C.5.a]

77 Install all continuous monitoring systems or monitoring devices to make representative measurements under variable process or operating parameters, if required to install a CMS. [LAC 33:III.5113.C.5.d]

78 Collect and reduce all data as specified in LAC 33:III.5113.C.5.e.i and ii, if required to install a CMS. [LAC 33:III.5113.C.5.e]

79 Submit plan: Due to the Office of Environmental Assessment, Environmental Technology Division within 90 days after DEQ requests either the initial plan or an updated plan, if required by DEQ to install a continuous monitoring system. Submit for approval a plan describing the affected sources and the methods for ensuring compliance with the continuous monitoring system. [LAC 33:III.5113.C.5]

80 Maintain records of monitoring data, monitoring system calibration checks, and the occurrence and duration of any period during which the monitoring system is malfunctioning or inoperative. Maintain these records at the source, or at an alternative location approved by DEQ, for a minimum of three years and make available, upon request, for inspection by DEQ. [LAC 33:III.5113.C.7]

81 An individual or company contracted to perform a demolition or renovation activity which disturbs RACM must be recognized by the Licensing Board for Contractors to perform asbestos abatement, and shall meet the requirements of LAC 33:III.5151.F.2 and F.3 for each demolition or renovation activity. [LAC 33:III.5151.F.1.f]

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82 Submit initial emissions inventory report: Due to the Department of Environmental Quality on or before October 1, 1994. Submit on a form or in an electronic format specified by the department and include the information specified in LAC 33:III.5307.A.1 through 7. [LAC 33:III.5307.A]

83 Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 1st of July to the Department of Environmental Quality, Office of Environmental Services, Permits Division. Include the information in LAC 33:III.5307.A for the preceding calendar year. [LAC 33:III.5307.B]

84 Activate the preplanned abatement strategy listed in LAC 33:III.5611.Table 5 when the administrative authority declares an Air Pollution Alert. [LAC 33:III.5609.A.1.b]

85 Activate the preplanned strategy listed in LAC 33:III.5611.Table 6 when the administrative authority declares an Air Pollution Warning. [LAC 33:III.5609.A.2.b]

86 Activate the preplanned abatement strategy listed in LAC 33:III.5611.Table 7 when the administrative authority declares an Air Pollution Emergency. [LAC 33:III.5609.A.3.b]

87 Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency. Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.5611.Tables 5, 6, and 7. [LAC 33:III.5609.A]

88 Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority. [LAC 33:III.5611.A]

89 During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations. [LAC 33:III.5611.B]

90 Comply with the provisions in 40 CFR 68, except as specified in LAC 33:III.5901. [LAC 33:III.5901.A]

91 Identify hazards that may result from accidental releases of the substances listed in 40 CFR 68.130, Table 59.0 of LAC 33:III.5907, or Table 59.1of LAC 33:III.5913 using appropriate hazard assessment techniques, design and maintain a safe facility, and minimize the off-site consequences of accidental releases of such substances that do occur. [LAC 33:III.5907]

92 Submit registration: Due January 31, 1998, or within 60 days after the source becomes subject to LAC 33:III.Chapter 59, whichever is later. Include the information listed in LAC 33:III.5911.B, and submit to the Department of Environmental Quality, Office of Environmental Compliance, Surveillance Division. [LAC 33:III.5911.A]

93 Submit amended registration: Due to the Department of Environmental Quality, Office of Environmental Compliance, Surveillance Division within 60 days after the information in the submitted registration is no longer accurate. [LAC 33:III.5911.C]

94 Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Environmental Evaluation Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D. [LAC 33:III.919.D]

95 All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A. [40 CFR 60]

96 Provide DEQ with written notice of intention to demolish or renovate prior to performing activities to which 40 CFR 61 Subpart M applies. Delivery of the notice by U.S. Postal Service, commercial delivery service, or hand delivery is acceptable. [40 CFR 61.145(b)(1)]

97 Do not install or reinstall on a facility component any insulating materials that contain commercial asbestos if the materials are either molded and friable or wet-applied and friable after drying. Subpart M. [40 CFR 61.148]

98 Determine compliance with 40 CFR 61 Subpart FF using the test methods and procedures specified in 40 CFR 61.355(a) through (i), as applicable. Subpart FF. [40 CFR 61.355]

99 Equipment/operational data recordkeeping by electronic or hard copy continuously Maintain records as specified in 40 CFR 61.356(a) through (n). Maintain each record in a readily accessible location at the facility site for a period not less than two years from the date the information is recorded unless otherwise specified. Subpart FF. [40 CFR 61.356]

100 Submit report: Due within 90 days after January 7, 1993. Submit a report that summarizes the regulatory status of each waste stream subject to 40 CFR 61.342 and is determined by the procedures specified in 40 CFR 61.355(c) to contain benzene. Include the information specified in 40 CFR 61.357(a)(1) through (a)(4). If there is no benzene onsite in wastes, products, by-products, or intermediates, submit an initial report that is a statement to this effect. Subpart FF. [40 CFR 61.357(a)]

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101 Submit report: Due by initial startup. Submit a report that summarizes the regulatory status of each waste stream subject to 40 CFR 61.342 and is determined by the procedures specified in 40 CFR 61.355(c) to contain benzene. Include the information specified in 40 CFR 61.357(a)(1) through (a)(4). If there is no benzene onsite in wastes, products, by-products, or intermediates, submit an initial report that is a statement to this effect. Subpart FF. [40 CFR 61.357(a)]

102 Submit report: Due whenever there is a change in the process generating the waste stream that could cause the total annual benzene quantity from facility waste to increase to 1 Mg/yr (1.1 ton/yr) or more. Submit updates to the information listed in 40 CFR 61.357(a)(1) through (a)(3). Subpart FF. [40 CFR 61.357(b)]

103 Submit report: Due annually and whenever there is a change in the process generating the waste stream that could cause the total annual benzene quantity from facility waste to increase to 10 Mg/yr (11 ton/yr) or more. Submit updates to the information specified in 40 CFR 61.357(a)(1) through (a)(3) or, if the information in 40 CFR 61.357(a)(1) through (3) is not changed in the following year, a statement to that effect. Subpart FF. [40 CFR 61.357(c)]

104 Submit report: Due within 90 days after January 7, 1993. Submit a certification that the equipment necessary to comply with 40 CFR 61 Subpart FF has been installed and that the required initial inspections or tests have been carried out in accordance with 40 CFR 61 Subpart FF. Subpart FF. [40 CFR 61.357(d)(1)]

105 Submit report: Due by the date of initial startup. Submit a certification that the equipment necessary to comply with 40 CFR 61 Subpart FF has been installed and that the required initial inspections or tests have been carried out in accordance with 40 CFR 61 Subpart FF. Subpart FF. [40 CFR 61.357(d)(1)]

106 Submit report: Due annually, beginning on the date that equipment necessary to comply with 40 CFR 61 Subpart FF has been certified in accordance with 40 CFR 61.357(d)(1). Submit updates to the information listed in 40 CFR 61.357(a)(1) through (a)(3) or, if the information in 40 CFR 61.357(a)(1) through (3) is not changed in the following year, a statement to that effect. Subpart FF. [40 CFR 61.357(d)(2)]

107 Submit report: Due quarterly, beginning three months after the date that the equipment necessary to comply with 40 CFR 61 Subpart FF has been certified in accordance with 40 CFR 61.357(d)(1). Submit a certification that all of the required inspections have been carried out in accordance with the requirements of 40 CFR 61 Subpart FF. Subpart FF. [40 CFR 61.357(d)(6)]

108 Submit report: Due quarterly, beginning three months after the date that the equipment necessary to comply with 40 CFR 61 Subpart FF has been certified in accordance with 40 CFR 61.357(d)(1). Include the information specified in 40 CFR 61.357(d)(7)(i) through (d)(7)(v). Subpart FF. [40 CFR 61.357(d)(7)]

109 Submit report: Due annually, beginning one year after the date that the equipment necessary to comply with 40 CFR 61 Subpart FF has been certified in accordance with 40 CFR 61.357(d)(1). Submit a report that summarizes all inspections required by 40 CFR 61.342 through 61.354 during which detectable emissions are measured or a problem that could result in benzene emissions is identified, including information about the repairs or corrective action taken. Subpart FF. [40 CFR 61.357(d)(8)]

110 All affected facilities shall comply with all applicable provisions in 40 CFR 61 Subpart A. [40 CFR 61]

111 Throughput recordkeeping by electronic or hard copy annually. Maintain records of the annual facility natural gas throughput. Upon request, submit these records to DEQ. Subpart HHH. [40 CFR 63.1270(a)(3)]

112 Achieve compliance with 40 CFR 63 Subpart HHH no later than June 17, 2002, except as provided for in 40 CFR 63.6(i). Subpart HHH. [40 CFR 63.1270(d)(1)]

113 Achieve compliance with 40 CFR 63 Subpart HHH 3 years after becoming a major source. Subpart HHH. [40 CFR 63.1270(d)(1)]

114 Achieve compliance with 40 CFR 63 Subpart HHH immediately upon initial startup or June 17, 1999, whichever date is later. Subpart HHH. [40 CFR 63.1270(d)(2)]

115 Achieve compliance with 40 CFR 63 Subpart HHH immediately upon becoming a major source. Subpart HHH. [40 CFR 63.1270(d)(2)]

116 Do not shut down items of equipment that are required or utilized for compliance with the provisions of 40 CFR 63 Subpart HHH during times when emissions are being routed to such items of equipment, if the shutdown would contravene requirements applicable to such items of equipment. Subpart HHH. [40 CFR 63.1272(b)]

117 During startups, shutdowns, and malfunctions, implement measures to prevent or minimize excess emissions to the maximum extent practical in accordance with the applicable startup, shutdown, and malfunction plan. Subpart HHH. [40 CFR 63.1272(c)]

118 Prepare a startup, shutdown, or malfunction plan as required by 40 CFR 63.6(e)(3), except as provided in 40 CFR 63.1272(e). Keep the plan on record as required by 40 CFR 63.6(e)(3)(v). Subpart HHH. [40 CFR 63.1272(d)]

119 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in 40 CFR 63.1284(b) through (e). Subpart HHH. [40 CFR 63.1284]

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120 Submit Initial Notification: Due one year after becoming subject to the provisions of 40 CFR 63 Subpart HHH or by June 17, 2000, whichever is later, as required by 40 CFR 63.9(b)(2). Subpart HHH. [40 CFR 63.1285(b)(1)]

121 Submit performance evaluation date: Due as specified in 40 CFR 63.8(e)(2), if required by DEQ to conduct a performance evaluation for a continuous monitoring system. A separate notification of performance evaluation is not required if it is included in the initial notification submitted in accordance with 40 CFR 63.1285(b)(1). Subpart HHH. [40 CFR 63.1285(b)(2)]

122 Submit performance test planned date: Due at least 60 days before the test, in accordance with 40 CFR 63.7(b). A separate notification of the performance test is not required if it is included in the initial notification submitted in accordance with 40 CFR 63.1285(b)(1). Subpart HHH. [40 CFR 63.1285(b)(3)]

123 Submit the site-specific test plan required by 40 CFR 63.7(c) with the notification of performance test, if requested by DEQ. Subpart HHH. [40 CFR 63.1285(b)(3)]

124 Submit Startup, Shutdown, Malfunction report: Due as required, as specified in 40 CFR 63.10(d)(5). Subpart HHH. [40 CFR 63.1285(b)(6)]

125 Submit Notification of Compliance Status: Due within 180 days after the compliance date specified in 40 CFR 63.1270(d), as required under 40 CFR 63.9(h). Include the information required under 40 CFR 63.9(h) and 40 CFR 63.1285(d)(1) through (d)(10), as specified. Subpart HHH. [40 CFR 63.1285(d)]

126 Submit Periodic Report: Due semiannually, beginning 60 calendar days after the end of the applicable reporting period. Submit the first report no later than 240 days after the date the Notification of Compliance Status Report is due. Include the information specified in 40 CFR 63.1285(e)(2)(i) through (e)(2)(ix). Subpart HHH. [40 CFR 63.1285(e)]

127 Submit report: Due 180 days after a process change or a change in any of the information submitted in the Notification of Compliance Status report is made, or as part of the next Periodic Report, whichever is sooner. Include the information specified in 40 CFR 63.1285(f)(1) through (f)(4). Subpart HHH. [40 CFR 63.1285(f)]

128 Throughput recordkeeping by electronic or hard copy annually. Maintain records of the annual facility natural gas or hydrocarbon liquid throughput. Upon request, submit these records to DEQ. Subpart HH. [40 CFR 63.760(a)(1)(ii)]

129 Achieve compliance with 40 CFR 63 Subpart HH no later than June 17, 2002, except as provided for in 40 CFR 63.6(i). Subpart HH. [40 CFR 63.760(f)(1)]

130 Achieve compliance with 40 CFR 63 Subpart HH 3 years after becoming a major source. Subpart HH. [40 CFR 63.760(f)(1)]

131 Achieve compliance with 40 CFR 63 Subpart HH immediately upon initial startup or June 17, 1999, whichever date is later. Subpart HH. [40 CFR 63.760(f)(2)]

132 Achieve compliance with 40 CFR 63 Subpart HH immediately upon becoming a major source. Subpart HH. [40 CFR 63.760(f)(2)]

133 Do not shut down items of equipment that are required or utilized for compliance with the provisions of 40 CFR 63 Subpart HH during times when emissions are being routed to such items of equipment, if the shutdown would contravene requirements applicable to such items of equipment. Subpart HH. [40 CFR 63.762(b)]

134 During startups, shutdowns, and malfunctions, implement measures to prevent or minimize excess emissions to the maximum extent practical in accordance with the applicable startup, shutdown, and malfunction plan. Subpart HH. [40 CFR 63.762(c)]

135 Prepare a startup, shutdown, and malfunction plan as required in 40 CFR 63.6(e)(3), except as provided in 40 CFR 63.762(e). Keep the plan on record as required by 40 CFR 63.6(e)(3)(v). Subpart HH. [40 CFR 63.762(d)]

136 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in 40 CFR 63.774(b) through (e). Subpart HH. [40 CFR 63.774]

137 Submit Initial Notification: Due one year after becoming subject to the provisions of 40 CFR 63 Subpart HH or by June 17, 2000, whichever is later, as required by 40 CFR 63.9(b)(2). Subpart HH. [40 CFR 63.775(b)(1)]

138 Submit performance evaluation date: Due as specified in 40 CFR 63.8(e)(2), if required by DEQ to conduct a performance evaluation for a continuous monitoring system. A separate notification of performance evaluation is not required if it is included in the initial notification submitted in accordance with 40 CFR 63.775(b)(1). Subpart HH. [40 CFR 63.775(b)(2)]

139 Submit performance test planned date: Due at least 60 days before the test, in accordance with 40 CFR 63.7(b). A separate notification of the performance test is not required if it is included in the initial notification submitted in accordance with 40 CFR 63.775(b)(1). Subpart HH. [40 CFR 63.775(b)(3)]

140 Submit the site-specific test plan required by 40 CFR 63.7(c) with the notification of performance test, if requested by DEQ. Subpart HH. [40 CFR 63.775(b)(3)]

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141 Submit Notification of Compliance Status: Due within 180 days after the compliance date specified in 40 CFR 63.760(f), as required under 40 CFR 63.9(h). Include the information required under 40 CFR 63.9(h) and 40 CFR 63.775(d)(1) through (d)(12), as specified. Subpart HH. [40 CFR 63.775(d)]

142 Submit Periodic Report: Due semiannually, beginning 60 calendar days after the end of the applicable reporting period. Submit the first report no later than 240 days after the date the Notification of Compliance Status Report is due. Include the information specified in 40 CFR 63.775(e)(2)(i) through (e)(2)(x). Subpart HH. [40 CFR 63.775(e)]

143 Submit report: Due 180 days after a process change or a change in any of the information submitted in the Notification of Compliance Status report is made, or as part of the next Periodic Report, whichever is sooner. Include the information specified in 40 CFR 63.775(f)(1) through (f)(4). Subpart HH. [40 CFR 63.775(f)]

144 All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table xx of 40 CFR 63 Subpart xx. [40 CFR 63]

145 Submit Title V permit application for renewal: Due 180 calendar days before permit expiration date. [40 CFR 70.5(a)(1)(iii)]

146 Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]

147 Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [40 CFR 70.6(a)(3)(iii)(B)]

148 Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]

149 Comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B. [40 CFR 82.Subpart F]

EQT001 Control Device - Boiler

150 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

151 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

152 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]

153 Total suspended particulate <= 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified

154 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified

155 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

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EQT001 Control Device - Boiler

156 Nonhalogenated hydrocarbon burning: Temperature >= 1300 F (704 degrees C) for 0.3 second or greater in a direct-flame afterburner or an equally effective device which achieves a removal efficiency of 95 percent or greater, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 50 ppm by volume, whichever is less stringent. [LAC 33:III.2115.A]
Which Months: All Year Statistical Basis: None specified

157 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.B]
Which Months: All Year Statistical Basis: None specified

158 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.C]
Which Months: All Year Statistical Basis: None specified

159 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.D]
Which Months: All Year Statistical Basis: None specified

160 VOC, Total <= 0.12 kg/1000 kg of product from the material recovery section. [LAC 33:III.2115.E]
Which Months: All Year Statistical Basis: None specified

161 Halogenated hydrocarbons, total >= 95 % removal efficiency as determined in accordance with LAC 33:III.2115.J.1, by combustion or other methods specified in LAC 33:III.2115.G. If combusted, reduce the halogenated products of combustion to an emission level acceptable to DEQ. [LAC 33:III.2115.F]
Which Months: All Year Statistical Basis: None specified

162 Determine compliance with LAC 33:III.2115.A through G by applying the test methods specified in LAC 33:III.2115.I.1 through 5, as appropriate. [LAC 33:III.2115.I]

163 Demonstrate compliance with LAC 33:III.2115 as requested by DEQ. [LAC 33:III.2115.J.1]

164 Install and maintain monitors to accurately measure and record operational parameters of all required control devices as necessary to ensure the proper functioning of those devices in accordance with design specifications. Monitor and record at a minimum the parameters listed in LAC 33:III.2115.J.2.a through e. [LAC 33:III.2115.J.2]

165 Comply with LAC 33:III.2115 as soon as practicable but in no event later than August 20, 2003. Comply with the requirements of LAC 33:III.2115 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2115 as a result of a revision of LAC 33:III.2115. [LAC 33:III.2115.J]

166 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.2115.K.1 through K.3. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

167 Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

168 Nitrogen oxides <=_ lb/MMBTU. [LAC 33:III.2201.D.1]
Which Months: May-Sep Statistical Basis: Thirty-day rolling average

169 Nitrogen oxides <=_ tons/day. [LAC 33:III.2201.D]
Which Months: May-Sep Statistical Basis: Thirty-day rolling average

170 Nitrogen oxides monitored by technically sound method continuously. [LAC 33:III.2201.D]
Which Months: May-Sep Statistical Basis: Thirty-day rolling average

EQT001 Control Device - Boiler

171 Demonstrate compliance with the facility-wide averaging plan using either the method in LAC 33:III.2201.E.1.b.i or the method in LAC 33:III.2201.E.1.b.ii. [LAC 33:III.2201.E.1.b]

172 Demonstrate compliance with the facility-wide averaging plan using either the method in LAC 33:III.2201.E.1.c.i or the method in LAC 33:III.2201.E.1.c.ii. [LAC 33:III.2201.E.1.c]

173 Fuel monitored by totalizer continuously. Monitor fuel usage with a totalizing fuel meter. [LAC 33:III.2201.H.1.a.i]
Which Months: May-Sep Statistical Basis: None specified

174 Fuel monitored by totalizer continuously. Monitor gas and/or liquid fuel usage with a totalizing fuel meter. Provide belt scales or an equivalent device for coal-fired boilers. [LAC 33:III.2201.H.1.b.i]
Which Months: May-Sep Statistical Basis: None specified

175 Oxygen monitored by the regulation's specified method(s) continuously. Monitor oxygen concentration with an oxygen monitor. [LAC 33:III.2201.H.1.b.ii]
Which Months: May-Sep Statistical Basis: None specified

176 Diluent - either Oxygen or Carbon dioxide monitored by the regulation's specified method(s) continuously. Monitor oxygen or carbon dioxide with a diluent monitor that meets all of the requirements of performance specification 3 of 40 CFR 60, Appendix B. [LAC 33:III.2201.H.1.b.ii]
Which Months: May-Sep Statistical Basis: None specified

177 Implement procedures to operate the boiler within the fuel and oxygen limits established during the initial compliance run in accordance with LAC 33:III.2201.G to continuously demonstrate compliance with the NOx limits of LAC 33:III.2201.D or E. [LAC 33:III.2201.H.1.b.iii]

178 Nitrogen oxides monitored by continuous emission monitor (CEM) continuously to demonstrate continuous compliance with the NOx emission factors of LAC 33:III.2201.D or E. Ensure that the CEMS meets all of the requirements of 40 CFR Part 60.13 and performance specification 2 of 40 CFR 60, Appendix B, or the requirements of 40 CFR Part 75 for units regulated under the Acid Rain Program. [LAC 33:III.2201.H.1.b.iii]
Which Months: May-Sep Statistical Basis: None specified

179 Carbon monoxide monitored by the regulation's specified method(s) continuously. Monitor carbon monoxide with a CO monitor that meets all of the requirements of performance specification 4 of 40 CFR 60, Appendix B. [LAC 33:III.2201.H.1.b.iv]
Which Months: May-Sep Statistical Basis: None specified

180 Nitrogen oxides monitored by the regulation's specified method(s) continuously. Predict NOx for each affected point source using a PEMS. Certify the PEMS while operating on primary boiler fuel and, separately, on any alternative fuel. [LAC 33:III.2201.H.1.b.v]
Which Months: May-Sep Statistical Basis: None specified

181 Diluent - either Oxygen or Carbon dioxide monitored by the regulation's specified method(s) continuously. Predict diluent (either oxygen or carbon dioxide) for each affected point source using a PEMS or a monitor for diluent according to LAC 33:III.2201.H.1.b.ii or similar alternative method approved by DEQ. If using a PEMS, certify the PEMS while operating on primary boiler fuel and, separately, on any alternative fuel. [LAC 33:III.2201.H.1.b.v]
Which Months: May-Sep Statistical Basis: None specified

182 Carbon monoxide monitored by the regulation's specified method(s) continuously. Predict CO for each affected point source using a PEMS. Certify the PEMS while operating on primary boiler fuel and, separately, on any alternative fuel. [LAC 33:III.2201.H.1.b.v]
Which Months: May-Sep Statistical Basis: None specified

183 Test NOx emissions after each occurrence of catalyst replacement. Maintain documentation on-site, if practical, of the date, the person doing the test, and the test results. Make documentation available for inspection upon request. [LAC 33:III.2201.H.10]

184 Fuel recordkeeping by totalizing meter continuously. Record the fuel input for each affected point source during each ozone season. [LAC 33:III.2201.H.11]

185 Fuel monitored by totalizer continuously. Monitor fuel input using a totalizing fuel meter. [LAC 33:III.2201.H.11]
Which Months: May-Sep Statistical Basis: None specified

186 Submit notification: Due to DEQ within seven days if the BTU-per-ozone season limit is exceeded. [LAC 33:III.2201.H.11]

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187 Submit permit modification: Due within 90 days after receipt of notification from DEQ of the loss of exemption due to exceedance of the BTU-per-ozone season limit. Submit a permit modification detailing how to meet the applicable emission factor as soon as possible, but no later than 24 months, after exceeding the limit. Include a schedule of increments of progress for the installation and operation of the required control equipment. [LAC 33:III.2201.H.11]

188 Operating time recordkeeping by the regulation's specified method(s) continuously. Record the operating time with a nonresettable, elapsed run-time meter. [LAC 33:III.2201.H.12]

189 Submit notification: Due within seven days if the hours-per-ozone season limit is exceeded. [LAC 33:III.2201.H.12]

190 Submit permit modification: Due within 90 days after receipt of notification from DEQ of the loss of exemption due to exceedance of the hours-per-ozone season limit. Submit a permit modification detailing how to meet the applicable emission factor as soon as possible, but no later than 24 months, after exceeding the limit. Include a schedule of increments of progress for the installation and operation of the required control equipment. [LAC 33:III.2201.H.12]

191 Nitrogen oxides monitored by continuous emission monitor (CEM) continuously. [LAC 33:III.2201.H.7]
Which Months: May-Sep Statistical Basis: None specified

192 Carbon monoxide monitored by the regulation's specified method(s) continuously. Monitor carbon monoxide using a CO monitor. [LAC 33:III.2201.H.7]
Which Months: May-Sep Statistical Basis: None specified

193 Fuel recordkeeping by electronic or hard copy daily. Record fuel gas composition. [LAC 33:III.2201.H.9]

194 Fuel monitored by the regulation's specified method(s) daily. Analyze the fuel gas composition according to the methods listed in LAC 33:III.2201.G.5.g. [LAC 33:III.2201.H.9]
Which Months: May-Sep Statistical Basis: None specified

195 Submit Notification: Due at least 30 days prior to any compliance testing conducted under LAC 33:III.2201.G and any CEMS or PEMS performance evaluation conducted under LAC 33:III.2201.H in order to give DEQ an opportunity to conduct a pretest meeting and observe the emission testing. [LAC 33:III.2201.I.1]

196 Submit test results: Due within 60 days after completing the emission testing required in LAC 33:III.2201.I.1. [LAC 33:III.2201.I.1]

197 Submit report: Due within 90 days of the end of each quarter for any noncompliance of the applicable emission limitations of LAC 33:III.2201.D or E. Include the information specified in LAC 33:III.2201.I.2.a through I.2.d. [LAC 33:III.2201.I.2]

198 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records of the information specified in LAC 33:III.2201.I.3 and I.4 as applicable. [LAC 33:III.2201.I]

199 Nitrogen oxides <=_ lb/MMBTU. [LAC 33:III.2202.B]
Which Months: May-Sep Statistical Basis: Thirty-day rolling average

200 Equipment/operational data <=_ appropriate units. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

201 Equipment/operational data monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

202 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total xxxxxxxxxxxxxxxxxxxxxx each month, as well as the total xxxxxxxxxxxxxxxx for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

203 Submit report: Due annually, by the 31st of March. Report the xxxxxxxxxxxxxxxxxx for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

204 Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing. [LAC 33:III.501.C.6]

205 Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. [LAC 33:III.501.C.6]

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EQT001 Control Device - Boiler

206 Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shakedown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources, and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.501.C.6]

207 Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shakedown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; Method 6C - Determination of Sulfur Dioxide Emissions From Stationary Sources (Instrumental Analyzer Procedure); and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.501.C.6]

208 Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shakedown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; Method 25A - Determination of Total Gaseous Organic Concentration using a Flame Ionization Analyzer; and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.501.C.6]

209 Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shakedown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; Method 25A - Determination of Total Gaseous Organic Concentration using a Flame Ionization Analyzer; Method 6C - Determination of Sulfur Dioxide Emissions From Stationary Sources (Instrumental Analyzer Procedure); and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.501.C.6]

210 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]

211 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]

212 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]

213 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]

214 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]

215 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

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216 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]

217 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]

218 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]

219 Closed-vent system: Operate with no detectable emissions as indicated by an instrument reading of less than 500 ppmv above background, as determined initially and thereafter at least once per year by the methods specified in 40 CFR 61.355(h). Subpart FF. [40 CFR 61.349(a)(1)(i)]

220 Closed-vent system (bypass lines): Flow monitored by flow indicator once every 15 minutes, except as provided in 40 CFR 61.349(a)(1)(ii)(B). Install the flow indicator at the entrance to any bypass line that could divert the vent stream away from the control device to the atmosphere. Subpart FF. [40 CFR 61.349(a)(1)(ii)]
Which Months: All Year Statistical Basis: None specified

221 Closed-vent system (bypass lines): Flow recordkeeping by electronic or hard copy once every 15 minutes. Subpart FF. [40 CFR 61.349(a)(1)(ii)]

222 Closed-vent system: Ensure that all gauging and sampling devices are gas-tight except when gauging or sampling is taking place. Subpart FF. [40 CFR 61.349(a)(1)(iii)]

223 Total Organic Compounds (TOC) >= 95 % reduction by weight. Subpart FF. [40 CFR 61.349(a)(2)(i)(A)]
Which Months: All Year Statistical Basis: None specified

224 Total Organic Compounds (TOC) <= 20 ppmv (as the sum of the concentrations for individual compounds using Method 18) on a dry basis corrected to 3 percent oxygen. Subpart FF. [40 CFR 61.349(a)(2)(i)(B)]
Which Months: All Year Statistical Basis: None specified

225 Residence time >= 0.5 sec at a minimum temperature of 760 degrees C (1400 degrees F). Subpart FF. [40 CFR 61.349(a)(2)(i)(C)]
Which Months: All Year Statistical Basis: None specified

226 Introduce the vent stream into the flame zone of the boiler or process heater. Subpart FF. [40 CFR 61.349(a)(2)(i)(C)]

227 Operate at all times when waste is placed in the waste management unit vented to the control device except when maintenance or repair of the waste management unit cannot be completed without a shutdown of the control device. Subpart FF. [40 CFR 61.349(b)]

228 Demonstrate that each control device, except for a flare, achieves the appropriate conditions specified in 40 CFR 61.349(a)(2) using one of methods specified in 40 CFR 61.349(c)(1) and (c)(2). Subpart FF. [40 CFR 61.349(c)]

229 Equipment/operational data monitored by visual inspection/determination once initially and once every quarter thereafter. Include inspection of ductwork and piping and connections to covers and control devices for evidence of visible defects such as holes in ductwork or piping and loose connections. Subpart FF. [40 CFR 61.349(f)]
Which Months: All Year Statistical Basis: None specified

230 Make a first effort to repair the closed-vent system and control device as soon as practicable but no later than 5 calendar days after visible defects are observed during an inspection, or if other problems are identified, or if detectable emissions are measured, except as provided in 40 CFR 61.350. Complete repair no later than 15 calendar days after the emissions are detected or the visible defect is observed. Subpart FF. [40 CFR 61.349(g)]

231 Temperature monitored by temperature monitoring device continuously. Install the temperature sensor at a representative location in the combustion chamber. Subpart FF. [40 CFR 61.354(c)(4)]
Which Months: All Year Statistical Basis: None specified

232 Temperature recordkeeping by recorder continuously. Subpart FF. [40 CFR 61.354(c)(4)]

233 Equipment/operational data monitored by technically sound method continuously. Monitor a parameter that indicates good combustion operating practices are being used. Subpart FF. [40 CFR 61.354(c)(5)]
Which Months: All Year Statistical Basis: None specified

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234 Equipment/operational data recordkeeping by recorder continuously. Record a parameter that indicates good combustion operating practices are being used. Subpart FF. [40 CFR 61.354(c)(5)]

235 Monitoring data monitored by technically sound method daily. Inspect the data recorded by the monitoring equipment to ensure that the control device is operating properly. Subpart FF. [40 CFR 61.354(c)]
Which Months: All Year Statistical Basis: None specified

236 Closed-vent system (bypass line): Seal or closure mechanism monitored by visual inspection/determination monthly. Check the position of the valve and the condition of the car-seal or closure mechanism required under 40 CFR 61.349(a)(1)(ii) to ensure that the valve is maintained in the closed position and the vent stream is not diverted through the bypass line. Subpart FF. [40 CFR 61.354(f)(1)]
Which Months: All Year Statistical Basis: None specified

237 Closed-vent system (bypass line): Flow monitored by visual inspection/determination daily. Inspect the readings from each flow monitoring device required by 40 CFR 61.349(a)(1)(ii) to check that vapors are being routed to the control device as required. Subpart FF. [40 CFR 61.354(f)(2)]
Which Months: All Year Statistical Basis: None specified

238 Pressure monitored by pressure instrument continuously to ensure that the pressure is less than atmospheric pressure. Subpart FF. [40 CFR 61.354(g)]
Which Months: All Year Statistical Basis: None specified

239 Pressure recordkeeping by recorder continuously. Subpart FF. [40 CFR 61.354(g)]

240 Determine compliance with 40 CFR 61 Subpart FF using the test methods and procedures specified in 40 CFR 61.355(a) through (i), as applicable. Subpart FF. [40 CFR 61.355]

241 Equipment/operational data recordkeeping by electronic or hard copy continuously Maintain records as specified in 40 CFR 61.356(a) through (n). Maintain each record in a readily accessible location at the facility site for a period not less than two years from the date the information is recorded unless otherwise specified. Subpart FF. [40 CFR 61.356]

242 Maintain records as required in 40 CFR 63.10(b)(3). Subpart HHH. [40 CFR 63.1270(f)]

243 Design and operate in accordance with the requirements of 40 CFR 63.1281(d). Subpart HHH. [40 CFR 63.1275(b)(1)(i)]

244 Outlet emissions: Benzene < 0.90 Mg/yr. Subpart HHH. [40 CFR 63.1275(b)(1)(ii)]
Which Months: All Year Statistical Basis: None specified

245 Design and operate in accordance with the requirements of 40 CFR 63.1281(d), except that the performance requirements specified in 40 CFR 63.1281(d)(1)(i) and (d)(1)(ii) do not apply. Subpart HHH. [40 CFR 63.1275(b)(1)(ii)]

246 Closed-vent system: Design and operate in accordance with the requirements of 40 CFR 63.1281(c). Subpart HHH. [40 CFR 63.1275(b)(1)]

247 Emissions to the atmosphere: HAP >= 95 % reduction. Subpart HHH. [40 CFR 63.1275(c)(2)]
Which Months: All Year Statistical Basis: None specified

248 Closed-vent system: Route all gases, vapors, and fumes emitted from the material in a HAP emissions unit to a control device that meets the requirements specified in 40 CFR 63.1281(d). Subpart HHH. [40 CFR 63.1281(c)(1)]

249 Closed-vent system: Design and operate with no detectable emissions, as determined by 40 CFR 63.1282(b). Subpart HHH. [40 CFR 63.1281(c)(2)]

250 Closed-vent system (bypass device): Flow monitored by flow indicator periodically. The flow indicator must sound an alarm when the bypass device is open such that the stream is being, or could be, diverted away from the control device to the atmosphere Subpart HHH. [40 CFR 63.1281(c)(3)(i)(A)]
Which Months: All Year Statistical Basis: None specified

251 Closed-vent system (bypass device): Secure the bypass device valve installed at the inlet to the bypass device in the non-diverting position using a car-seal or a lock-and-key type configuration. Subpart HHH. [40 CFR 63.1281(c)(3)(i)(B)]

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252 Total Organic Compounds (TOC) or HAP >= 95 % reduction by weight or <= 20 ppmv on a dry basis corrected to 3 percent oxygen, as determined in accordance with the requirements of 40 CFR 63.1282(d); or Residence time >= 0.5 seconds at a minimum temperature of 760 degrees C. Subpart HHH. [40 CFR 63.1281(d)(1)(i)]
Which Months: All Year Statistical Basis: None specified

253 Introduce vent stream into the flame zone. Subpart HHH. [40 CFR 63.1281(d)(1)(i)(D)]

254 Operate at all times when gases, vapors, and fumes are vented from the emissions unit or units through the closed-vent system to the control device, as required under 40 CFR 63.1275, except when maintenance or repair on a unit cannot be completed without a shutdown of the control device. Subpart HHH. [40 CFR 63.1281(d)(4)(i)]

255 Demonstrate compliance with the monitoring requirements of 40 CFR 63.1283(d) according to the requirements of 40 CFR 63.1282(e) or (f), as applicable. Subpart HHH. [40 CFR 63.1281(d)(4)(ii)]

256 Demonstrate that the control device meets the requirements of 40 CFR 63.1281(d)(1) or (e)(3)(ii) by conducting a performance test. Use the test methods and procedures specified in 40 CFR 63.1282(d)(3)(i) through (d)(3)(iv). Submit the performance test results in the Notification of Compliance Status Report as required in 40 CFR 63.1285(d)(1)(ii). Subpart HHH. [40 CFR 63.1282(d)(3)]

257 Demonstrate that the control device meets the requirements of 40 CFR 63.1281(d)(1) or (e)(3)(ii) by conducting a design analysis meeting the requirements of 40 CFR 63.1282(d)(4)(i) and (d)(4)(ii). Submit documentation of the design analysis as a part of the Notification of Compliance Status Report as required in 40 CFR 63.1285(d)(1)(i). Subpart HHH. [40 CFR 63.1282(d)(4)]

258 Establish a site specific maximum or minimum monitoring parameter value (as appropriate) according to the requirements of 40 CFR 63.1283(d)(5)(i). Subpart HHH. [40 CFR 63.1282(e)(1)]

259 Calculate the daily average of the applicable monitored parameter in accordance with 40 CFR 63.1283(d)(4). Subpart HHH. [40 CFR 63.1282(e)(2)]

260 Closed-vent system (joints, seam, or other connections that are permanently or semi-permanently sealed): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the specified in 40 CFR 63.1282(b) to demonstrate that the closed-vent system operates with no detectable emissions. Submit inspection results with the Notification of Compliance Status Report as specified in 40 CFR 63.1285(d)(1) or (d)(2). Subpart HHH. [40 CFR 63.1283(c)(2)(i)(A)]
Which Months: All Year Statistical Basis: None specified

261 Closed-vent system (joints, seam, or other connections that are permanently or semi-permanently sealed): Equipment/operational data monitored by visual inspection/determination annually for defects that could result in air emissions. Submit inspection results in the Periodic Report as specified in 40 CFR 63.1285(e)(2)(iii). Subpart HHH. [40 CFR 63.1283(c)(2)(i)(B)]
Which Months: All Year Statistical Basis: None specified

262 Closed-vent system (joints, seam, or other connections that are permanently or semi-permanently sealed): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 upon each occurrence of component or connection repair or replacement or connection unsealing, to demonstrate that it operates with no detectable emissions. Use the procedures in 40 CFR 63.1282(b). Submit inspection results in the Periodic Report as specified in 40 CFR 63.1285(e)(2)(iii). Subpart HHH. [40 CFR 63.1283(c)(2)(i)(B)]
Which Months: All Year Statistical Basis: None specified

263 Closed-vent system (components other than those in 40 CFR 63.1283(c)(2)(i)): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures specified in 40 CFR 63.1282(b) to demonstrate that the closed-vent system operates with no detectable emissions. Submit inspection results with the Notification of Compliance Status Report as specified in 40 CFR 63.1285(d)(1) or (d)(2). Subpart HHH. [40 CFR 63.1283(c)(2)(ii)(A)]
Which Months: All Year Statistical Basis: None specified

264 Closed-vent system (components other than those in 40 CFR 63.1283(c)(2)(i)): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually according to the procedures specified in 40 CFR 63.1282(b) to demonstrate that the components or connections operate with no detectable emissions. Submit inspection results in the Periodic Report as specified in 40 CFR 63.1285(e)(2)(iii). Subpart HHH. [40 CFR 63.1283(c)(2)(ii)(B)]
Which Months: All Year Statistical Basis: None specified

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265 Closed-vent system (components other than those in 40 CFR 63.1283(c)(2)(i)): Equipment/operational data monitored by visual inspection/determination annually for defects that could result in air emissions. Submit inspection results in the Periodic Report as specified in 40 CFR 63.1285(e)(2)(iii). Subpart HHH. [40 CFR 63.1283(c)(2)(ii)(C)]
Which Months: All Year Statistical Basis: None specified

266 Closed-vent system (bypass device): Flow monitored by flow indicator once every 15 minutes. Install the flow indicator at the inlet to the bypass device. Subpart HHH. [40 CFR 63.1283(c)(2)(iii)(A)]
Which Months: All Year Statistical Basis: None specified

267 Closed-vent system (bypass device): Seal or closure mechanism monitored by visual inspection/determination monthly to verify that the valve is maintained in the non-diverting position and the vent stream is not diverted through the bypass device. Subpart HHH. [40 CFR 63.1283(c)(2)(iii)(B)]
Which Months: All Year Statistical Basis: None specified

268 Closed-vent system: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.1283(c)(4). Subpart HHH. [40 CFR 63.1283(c)(3)]

269 Closed-vent system (unsafe-to-inspect): Determine that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 63.1283(c)(2)(i) or (c)(2)(ii). Subpart HHH. [40 CFR 63.1283(c)(5)(i)]

270 Cover (unsafe-to-inspect): Determine that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 63.1283(c)(2)(i) or (c)(2)(ii). Subpart HHH. [40 CFR 63.1283(c)(5)(i)]

271 Closed-vent system (unsafe-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times. Subpart HHH. [40 CFR 63.1283(c)(5)(ii)]
Which Months: All Year Statistical Basis: None specified

272 Cover (unsafe-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times. Subpart HHH. [40 CFR 63.1283(c)(5)(ii)]
Which Months: All Year Statistical Basis: None specified

273 Closed-vent system (difficult-to-inspect): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than two meters above a support surface. Subpart HHH. [40 CFR 63.1283(c)(6)(i)]

274 Cover (difficult-to-inspect): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than two meters above a support surface. Subpart HHH. [40 CFR 63.1283(c)(6)(i)]

275 Closed-vent system (difficult-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Subpart HHH. [40 CFR 63.1283(c)(6)(ii)]
Which Months: All Year Statistical Basis: None specified

276 Cover (difficult-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Subpart HHH. [40 CFR 63.1283(c)(6)(ii)]
Which Months: All Year Statistical Basis: None specified

277 Temperature monitored by temperature monitoring device continuously, as specified. Subpart HHH. [40 CFR 63.1283(d)(3)(i)(D)]
Which Months: All Year Statistical Basis: None specified

278 Temperature recordkeeping by electronic or hard copy continuously. Subpart HHH. [40 CFR 63.1283(d)(3)(i)(D)]

279 Organic compounds monitored by organic monitoring device continuously. Measure the concentration level in the exhaust vent stream from the control device, as specified. Subpart HHH. [40 CFR 63.1283(d)(3)(ii)]
Which Months: All Year Statistical Basis: None specified

280 Organic compounds recordkeeping by electronic or hard copy continuously. Record the concentration level in the exhaust vent stream from the control device, as specified. Subpart HHH. [40 CFR 63.1283(d)(3)(ii)]

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281 Calculate the daily average value for each monitored operating parameter for each operating day using the data recorded by the monitoring system. Subpart HHH. [40 CFR 63.1283(d)(4)]

282 Establish a minimum operating parameter value or a maximum operating parameter value, as appropriate for the control device, to define the conditions at which the control device must be operated to continuously achieve the applicable performance requirements of 40 CFR 63.1281(d)(1) or 40 CFR 63.1281(e)(3)(ii). Establish operating parameter values as specified in 40 CFR 63.1283(d)(5)(i)(A) and (d)(5)(i)(B). Subpart HHH. [40 CFR 63.1283(d)(5)(i)]

283 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in 40 CFR 63.1284(b) through (e). Subpart HHH. [40 CFR 63.1284]

284 Maintain records as specified in 40 CFR 63.10(b)(3). Subpart HH. [40 CFR 63.760(e)]

285 Design and operate in accordance with the requirements of 40 CFR 63.771(d). Subpart HH. [40 CFR 63.765(b)(1)(i)]

286 Outlet emissions: Benzene < 0.90 Mg/yr. Subpart HH. [40 CFR 63.765(b)(1)(ii)]
Which Months: All Year Statistical Basis: None specified

287 Design and operate in accordance with the requirements of 40 CFR 63.771(d), except that the performance levels specified in 40 CFR 63.771(d)(1)(i) and (ii) do not apply. Subpart HH. [40 CFR 63.765(b)(1)(ii)]

288 Closed-vent system: Design and operate in accordance with the requirements of 40 CFR 63.771(c). Subpart HH. [40 CFR 63.765(b)(1)]

289 Emissions to the atmosphere: HAP >= 95 % reduction. Subpart HH. [40 CFR 63.765(c)(2)]
Which Months: All Year Statistical Basis: None specified

290 Closed-vent system: Route all gases, vapors, and fumes emitted from the material in a HAP emissions unit to a control device that meets the requirements specified in 40 CFR 63.771(d). Subpart HH. [40 CFR 63.771(c)(1)]

291 Closed-vent system: Design and operate with no detectable emissions, as determined by 40 CFR 63.772(c). Subpart HH. [40 CFR 63.771(c)(2)]

292 Closed-vent system (bypass device): Flow monitored by flow indicator periodically. The flow indicator must sound an alarm when the bypass device is open such that the stream is being, or could be, diverted away from the control device to the atmosphere Subpart HH. [40 CFR 63.771(c)(3)(i)(A)]
Which Months: All Year Statistical Basis: None specified

293 Closed-vent system (bypass device): Secure the bypass device valve installed at the inlet to the bypass device in the non-diverting position using a car-seal or a lock-and-key type configuration. Subpart HH. [40 CFR 63.771(c)(3)(i)(B)]

294 Total Organic Compounds (TOC) or HAP >= 95 % reduction by weight or <= 20 ppmv on a dry basis corrected to 3 percent oxygen, as determined in accordance with the requirements of 40 CFR 63.772(e); or Residence time >= 0.5 seconds at a minimum temperature of 760 degrees C. Subpart HH. [40 CFR 63.771(d)(1)(i)]
Which Months: All Year Statistical Basis: None specified

295 Introduce vent stream into the flame zone. Subpart HH. [40 CFR 63.771(d)(1)(i)(D)]

296 Operate at all times when gases, vapors, and fumes are vented from the HAP emissions unit or units through the closed-vent system to the control device, as required under 40 CFR 63.765, 40 CFR 63.766, and 40 CFR 63.769, except when maintenance or repair on a unit cannot be completed without a shutdown of the control device. Subpart HH. [40 CFR 63.771(d)(4)(i)]

297 Demonstrate compliance with the monitoring requirements of 40 CFR 63.773(d) according to the requirements of 40 CFR 63.772(f) or (g), as applicable. Subpart HH. [40 CFR 63.771(d)(4)(ii)]

298 Demonstrate that the control device meets the requirements of 40 CFR 63.771(d)(1) or (e)(3)(ii) by conducting a performance test. Use the test methods and procedures specified in 40 CFR 63.772(e)(3)(i) through (e)(3)(iv). Submit the performance test results in the Notification of Compliance Status Report as required in 40 CFR 63.775(d)(1)(ii). Subpart HH. [40 CFR 63.772(e)(3)]

SPECIFIC REQUIREMENTS

AI ID: 122793 - Title V General Permit
Activity Number: PER20040001
Permit Number: General Permit
Air - Title V General Permit Initial

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299 Demonstrate that the control device meets the requirements of 40 CFR 63.771(d)(1) or (e)(3)(ii) by conducting a design analysis meeting the requirements of 40 CFR 63.772(e)(4)(i) and (e)(4)(ii). Submit documentation of the design analysis as a part of the Notification of Compliance Status Report as required in 40 CFR 63.775(d)(1)(i). Subpart HH. [40 CFR 63.772(e)(4)]

300 Establish a site specific maximum or minimum monitoring parameter value (as appropriate) according to the requirements of 40 CFR 63.773(d)(5)(i). Subpart HH. [40 CFR 63.772(f)(1)]

301 Calculate the daily average of the applicable monitored parameter in accordance with 40 CFR 63.773(d)(4). Subpart HH. [40 CFR 63.772(f)(2)]

302 Closed-vent system (joints, seams, or other connections that are permanently or semi-permanently sealed): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures specified in 40 CFR 63.772(c) to demonstrate that the closed-vent system operates with no detectable emissions. Submit inspection results with the Notification of Compliance Status Report as specified in 40 CFR 63.775(d)(1) or (d)(2). Subpart HH. [40 CFR 63.773(c)(2)(i)(A)]
Which Months: All Year Statistical Basis: None specified

303 Closed-vent system (joints, seams, or other connections that are permanently or semi-permanently sealed): Equipment/operational data monitored by visual inspection/determination annually for defects that could result in air emissions. Submit the inspection results in the Periodic Report as specified in 40 CFR 63.775(e)(2)(iii). Subpart HH. [40 CFR 63.773(c)(2)(i)(B)]
Which Months: All Year Statistical Basis: None specified

304 Closed-vent system (joints, seams, or other connections that are permanently or semi-permanently sealed): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 upon each occurrence of component repair or replacement or connection unsealing, to demonstrate that it operates with no detectable emissions. Use the procedures in 40 CFR 63.772(c). Submit the inspection results in the Periodic Report as specified in 40 CFR 63.775(e)(2)(iii). Subpart HH. [40 CFR 63.773(c)(2)(i)(B)]
Which Months: All Year Statistical Basis: None specified

305 Closed-vent system (components other than those in 40 CFR 63.773(c)(2)(1)): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures specified in 40 CFR 63.772(c) to demonstrate that the closed-vent system operates with no detectable emissions. Submit inspection results with the Notification of Compliance Status Report as specified in 40 CFR 63.775(d)(1) or (d)(2). Subpart HH. [40 CFR 63.773(c)(2)(ii)(A)]
Which Months: All Year Statistical Basis: None specified

306 Closed-vent system (components other than those in 40 CFR 63.773(c)(2)(1)): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually according to the procedures specified in 40 CFR 63.772(c) to demonstrate that the components or connections operate with no detectable emissions. Submit the inspection results in the Periodic Report as specified in 40 CFR 63.775(e)(2)(iii). Subpart HH. [40 CFR 63.773(c)(2)(ii)(B)]
Which Months: All Year Statistical Basis: None specified

307 Closed-vent system (components other than those in 40 CFR 63.773(c)(2)(1)): Equipment/operational data monitored by visual inspection/determination annually for defects that could result in air emissions. Submit the inspection results in the Periodic Report as specified in 40 CFR 63.775(e)(2)(iii). Subpart HH. [40 CFR 63.773(c)(2)(ii)(C)]
Which Months: All Year Statistical Basis: None specified

308 Closed-vent system (bypass device): Flow monitored by flow indicator once every 15 minutes. Install the flow indicator at the inlet to the bypass device. Subpart HH. [40 CFR 63.773(c)(2)(iv)(A)]
Which Months: All Year Statistical Basis: None specified

309 Closed-vent system (bypass device): Seal or closure mechanism monitored by visual inspection/determination monthly to verify that the valve is maintained in the non-diverting position and the vent stream is not diverted through the bypass device. Subpart HH. [40 CFR 63.773(c)(2)(iv)(B)]
Which Months: All Year Statistical Basis: None specified

310 Closed-vent system: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.773(c)(4). Subpart HH. [40 CFR 63.773(c)(3)]

311 Closed-vent system (unsafe-to-inspect): Determine that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 63.773(c)(2)(i), (ii), or (iii). Subpart HH. [40 CFR 63.773(c)(5)(i)]

SPECIFIC REQUIREMENTS

AI ID: 122793 - Title V General Permit
Activity Number: PER20040001
Permit Number: General Permit
Air - Title V General Permit Initial

EQT001 Control Device - Boiler

312 Closed-vent system (unsafe-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times. Subpart HH. [40 CFR 63.773(c)(5)(ii)]
Which Months: All Year Statistical Basis: None specified

313 Closed-vent system (difficult-to-inspect): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than 2 meters above a support surface. Subpart HH. [40 CFR 63.773(c)(6)(i)]

314 Closed-vent system (difficult-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Subpart HH. [40 CFR 63.773(c)(6)(ii)]

315 Ensure that the continuous monitoring system used to comply with 40 CFR 63.773(d)(3) through (d)(9) is designed and operated so that a determination can be made on whether the control device is achieving the applicable performance requirements of 40 CFR 63.771(d) or (e)(3). Subpart HH. [40 CFR 63.773(d)(1)]

316 Temperature monitored by temperature monitoring device continuously, as specified. Subpart HH. [40 CFR 63.773(d)(3)(i)(D)]
Which Months: All Year Statistical Basis: None specified

317 Temperature recordkeeping by electronic or hard copy continuously. Subpart HH. [40 CFR 63.773(d)(3)(i)(D)]

318 Organic compounds monitored by organic monitoring device continuously. Measure the concentration level in the exhaust vent stream from the control device, as specified. Subpart HH. [40 CFR 63.773(d)(3)(ii)]
Which Months: All Year Statistical Basis: None specified

319 Organic compounds recordkeeping by electronic or hard copy continuously. Record the concentration level in the exhaust vent stream from the control device, as specified. Subpart HH. [40 CFR 63.773(d)(3)(ii)]

320 Calculate the daily average value for each monitored operating parameter for each operating day using the data recorded by the monitoring system. Subpart HH. [40 CFR 63.773(d)(4)]

321 Establish a minimum operating parameter value or a maximum operating parameter value, as appropriate for the control device, to define the conditions at which the control device must be operated to continuously achieve the applicable performance requirements of 40 CFR 63.771(d)(1) or 40 CFR 63.771(e)(3)(ii). Establish operating parameter values as specified in 40 CFR 63.773(d)(5)(i)(A) and (d)(5)(i)(B). Subpart HH. [40 CFR 63.773(d)(5)(i)]

322 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in 40 CFR 63.774(b) through (e). Subpart HH. [40 CFR 63.774]

EQT002 Control Device - Flare

323 Opacity <= 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets. [LAC 33:III.1105]
Which Months: All Year Statistical Basis: None specified

324 Submit notification: Due to the Office of Environmental Compliance as soon as possible after the start of burning of pressure valve releases for control over process upsets. Notify in accordance with LAC 33:I.3923. Notification is required only if the upset cannot be controlled in six hours. [LAC 33:III.1105]

325 Submit report: Due in writing to the Office of Environmental Compliance, Surveillance Division, within seven calendar days after startup or shutdown, if flaring was not the result of failure to maintain or repair equipment. Submit report if requesting exemption from the provisions of LAC 33:III.1105. Explain the conditions and duration of the startup or shutdown and list the steps necessary to remedy, prevent and limit the excess emissions. Minimize flaring and ensure that no ambient air quality standards are jeopardized. [LAC 33:III.1107]

326 VOC, Total >= 95 % control efficiency. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year. [LAC 33:III.2103.E.1]
Which Months: All Year Statistical Basis: None specified

EQT002 Control Device - Flare

327 VOC, Total >= 90 % control efficiency. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year. [LAC 33:III.2103.E.2]
Which Months: All Year Statistical Basis: None specified

328 Determine compliance with LAC 33:III.2103.E using the methods in LAC 33:III.2103.H.2.a-e, where appropriate. [LAC 33:III.2103.H.2]

329 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]

330 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]

331 Flash gas: VOC, Total >= 95 % reduction. [LAC 33:III.2104.C.1]
Which Months: All Year Statistical Basis: None specified

332 Flash gas: VOC, Total >= 95 % reduction. [LAC 33:III.2104.C.2]
Which Months: All Year Statistical Basis: None specified

333 Flash gas (potential to emit): VOC, Total < 25 tons/yr. [LAC 33:III.2104.C.2]
Which Months: All Year Statistical Basis: None specified

334 Flash gas: VOC, Total >= 95 % reduction. [LAC 33:III.2104.C.3]
Which Months: All Year Statistical Basis: None specified

335 Flash gas (potential to emit): VOC, Total < 50 tons/yr. [LAC 33:III.2104.C.3]
Which Months: All Year Statistical Basis: None specified

336 Flash gas: VOC, Total >= 95 % reduction. [LAC 33:III.2104.C.4]
Which Months: All Year Statistical Basis: None specified

337 Flash gas (potential to emit): VOC, Total < 100 tons/yr. [LAC 33:III.2104.C.4]
Which Months: All Year Statistical Basis: None specified

338 Achieve compliance by the appropriate date specified in LAC 33:III.2104.E. Comply with the requirements of LAC 33:III.2104 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2104 as a result of a revision to LAC 33:III.2104. [LAC 33:III.2104.E]

339 Flare gas: Heat content > 300 BTU/scf. [LAC 33:III.2104.F.1]
Which Months: All Year Statistical Basis: None specified

340 Equip with an automatic flare relighting device. [LAC 33:III.2104.F.1]

341 Presence of a flame monitored by heat sensing device continuously. [LAC 33:III.2104.F.1]
Which Months: All Year Statistical Basis: None specified

342 Presence of a flame monitored by visual inspection/determination daily. [LAC 33:III.2104.F.1]
Which Months: All Year Statistical Basis: None specified

343 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2104.G.2.a.i-iii and G.4. [LAC 33:III.2104.G]

344 VOC, Total >= 90 % DRE. [LAC 33:III.2107.B]
Which Months: All Year Statistical Basis: None specified

345 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2107.D.3-4. [LAC 33:III.2107.D]

346 Determine compliance with LAC 33:III.2107.B using the methods in LAC 33:III.2107.E.1 through 5, as appropriate. [LAC 33:III.2107.E]

EQT002 Control Device - Flare

347 VOC, Total >= 90 % reduction by weight. [LAC 33:III.2108.C.2]
Which Months: All Year Statistical Basis: None specified

348 Determine compliance with LAC 33:III.2108.C.3 using the methods in LAC 33:III.2108.E.1-5, as appropriate. [LAC 33:III.2108.E]

349 Submit test results: Due to the Office of Environmental Assessment, Environmental Technology Division within 45 days of any testing done in accordance with LAC 33:III.2108.E. [LAC 33:III.2108.F.1]

350 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2108.F.2.a-e. [LAC 33:III.2108.F.2]

351 Nonhalogenated hydrocarbon burning: Temperature >= 1300 F (704 degrees C) for 0.3 second or greater in a direct-flame afterburner or an equally effective device which achieves a removal efficiency of 95 percent or greater, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 50 ppm by volume, whichever is less stringent. [LAC 33:III.2115.A]
Which Months: All Year Statistical Basis: None specified

352 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.B]
Which Months: All Year Statistical Basis: None specified

353 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.C]
Which Months: All Year Statistical Basis: None specified

354 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.D]
Which Months: All Year Statistical Basis: None specified

355 VOC, Total <= 0.12 kg/1000 kg of product from the material recovery section. [LAC 33:III.2115.E]
Which Months: All Year Statistical Basis: None specified

356 Halogenated hydrocarbons, total >= 95 % removal efficiency as determined in accordance with LAC 33:III.2115.J.1, by combustion or other methods specified in LAC 33:III.2115.G. If combusted, reduce the halogenated products of combustion to an emission level acceptable to DEQ. [LAC 33:III.2115.F]
Which Months: All Year Statistical Basis: None specified

357 Determine compliance with LAC 33:III.2115.A through G by applying the test methods specified in LAC 33:III.2115.I.1 through 5, as appropriate. [LAC 33:III.2115.I]

358 Demonstrate compliance with LAC 33:III.2115 as requested by DEQ. [LAC 33:III.2115.J.1]

359 Install and maintain monitors to accurately measure and record operational parameters of all required control devices as necessary to ensure the proper functioning of those devices in accordance with design specifications. Monitor and record at a minimum the parameters listed in LAC 33:III.2115.J.2.a through e. [LAC 33:III.2115.J.2]

360 Comply with LAC 33:III.2115 as soon as practicable but in no event later than August 20, 2003. Comply with the requirements of LAC 33:III.2115 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2115 as a result of a revision of LAC 33:III.2115. [LAC 33:III.2115.J]

361 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.2115.K.1 through K.3. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

362 VOC, Total >= 70 % reduction. Demonstrate percent reduction using the methods found in LAC 33:III.2116.D. [LAC 33:III.2116.B.1.a]
Which Months: All Year Statistical Basis: None specified

EQT002 Control Device - Flare

363 VOC, Total >= 85 % reduction. Demonstrate percent reduction using the methods found in LAC 33:III.2116.D. [LAC 33:III.2116.B.2]
Which Months: All Year Statistical Basis: None specified

364 Flare gas: Heat content > 300 BTU/scf. [LAC 33:III.2116.B.3]
Which Months: All Year Statistical Basis: None specified

365 Presence of a flame monitored by visual inspection/determination daily. [LAC 33:III.2116.B.3]
Which Months: All Year Statistical Basis: None specified

366 Determine compliance with LAC 33:III.2116.B using the methods in LAC 33:III.2116.D.1-5, as appropriate. [LAC 33:III.2116.D]

367 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of the information specified in LAC 33:III.2116.F.1 and 2. [LAC 33:III.2116.F]

368 Flare gas: Heat content > 300 BTU/scf, to ensure destruction of emissions to the flare stack. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

369 Flare gas: Heat content monitored by gas analysis annually, to insure the heat content is above 300 BTU/scf. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

370 Flare gas: Heat content recordkeeping by electronic or hard copy annually. [LAC 33:III.501.C.6]

371 Presence of a flame monitored by heat sensing device continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

372 Presence of a flame recordkeeping by electronic or hard copy continuously. [LAC 33:III.501.C.6]

373 Presence of a flame monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

374 Presence of a flame recordkeeping by electronic or hard copy daily. [LAC 33:III.501.C.6]

375 Develop a corrective action plan for re-lighting the flare. Plan must be kept readily available for immediate implementation in the event the flare needs to be re-lit. [LAC 33:III.501.C.6]

376 Equipment/operational data <=_ appropriate units. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

377 Equipment/operational data monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

378 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total xxxxxxxxxxxxxxxxxxxxxx each month, as well as the total xxxxxxxxxxxxxxxx for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

379 Submit report: Due annually, by the 31st of March. Report the xxxxxxxxxxxxxxxxxx for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

380 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]

381 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]

382 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]

383 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]

EQT002 Control Device - Flare

384 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]

385 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]

386 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]

387 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]

388 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

389 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]

390 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]

391 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]

392 Vapor recovery system: Collect all VOC vapors and gases discharged from the storage vessel and route to a vapor return or disposal system to process such VOC vapors and gases. Subpart Ka. [40 CFR 60.112a(a)(3)]

393 Vapor return or disposal system: VOC, Total >= 95 % reduction by weight for VOC vapors and gases processed from the vapor recovery system. Subpart Ka. [40 CFR 60.112a(a)(3)]
Which Months: All Year Statistical Basis: None specified

394 Vapor recovery system: Collect all VOC vapors and gases discharged by the storage vessel and route to a vapor return or disposal system to process such VOC vapors and gases. Subpart Ka. [40 CFR 60.112a(b)]

395 Vapor return or disposal system: VOC, Total >= 95 % reduction by weight for VOC vapors and gases processed from the vapor recovery system. Subpart Ka. [40 CFR 60.112a(b)]
Which Months: All Year Statistical Basis: None specified

396 Closed vent system: Design to collect all VOC vapors and gases discharged from the storage vessel. Subpart Kb. [40 CFR 60.112b(a)(3)(i)]

397 Closed vent system (no detectable emissions): VOC, Total < 500 ppm above background as indicated by instrument readings and visual inspections, as determined in Subpart VV, 40 CFR 60.485(c). Subpart Kb. [40 CFR 60.112b(a)(3)(i)]
Which Months: All Year Statistical Basis: None specified

398 VOC, Total >= 95 % reduction efficiency. Subpart Kb. [40 CFR 60.112b(a)(3)(ii)]
Which Months: All Year Statistical Basis: None specified

399 Meet the specifications described in the general control device requirements (40 CFR 60.18). Subpart Kb. [40 CFR 60.112b(a)(3)(ii)]

400 Submit information: Due to DEQ by the date on which construction of the storage vessel commences. Provide the information specified in 40 CFR 60.113a(a)(2)(i) through (iv). Subpart Ka. [40 CFR 60.113a(a)(2)]

401 Meet the requirements specified in the general control device requirements, 40 CFR 60.18(e) and (f). Subpart Kb. [40 CFR 60.113b(d)]

402 Submit report: Due to DEQ within six months of the initial startup date as required by 40 CFR 60.8. The report shall contain the measurements required by 40 CFR 60.18(f)(1) through (6). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(d)(1)]

403 Presence of a flame recordkeeping by electronic or hard copy upon each occurrence of operation during which the flare pilot flame is absent. Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(d)(2)]

EQT002 Control Device - Flare

404 Submit a report: Due semiannually to DEQ for all periods recorded under 40 CFR 60.115b(d)(2) in which the pilot flame was absent. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(d)(3)]

405 Design and operate for no visible emissions, as determined by the methods specified in 40 CFR 60.18(f), except for periods not to exceed a total of 5 minutes during any two consecutive hours. Subpart A. [40 CFR 60.18(c)(1)]

406 Operate with a flame present at all times, as determined by the methods specified in 40 CFR 60.18(f)(2). Subpart A. [40 CFR 60.18(c)(2)]

407 Diameter >= 3 in, nonassisted, hydrogen content 8.0 percent (by volume) or greater, and designed for and operated with an exit velocity less than 122 ft/sec (37.2 m/sec) and less than the velocity, Vmax, as determined by the specified equation. Subpart A. [40 CFR 60.18(c)(3)(i)(A)]
Which Months: All Year Statistical Basis: None specified

408 Determine the actual exit velocity by the method specified in 40 CFR 60.18(f)(4). Subpart A. [40 CFR 60.18(c)(3)(i)(B)]

409 Heat content >= 300 BTU/scf (11.2 MJ/scm). Determine the net heating value of the gas being combusted by the methods specified in 40 CFR 60.18(f)(3). Subpart A. [40 CFR 60.18(c)(3)(ii)]
Which Months: All Year Statistical Basis: None specified

410 Heat content >= 300 BTU/scf (11.2 MJ/scm). Determine the net heating value of the gas being combusted by the methods specified in 40 CFR 60.18(f)(3). Subpart A. [40 CFR 60.18(c)(3)(ii)]
Which Months: All Year Statistical Basis: None specified

411 Heat content >= 200 BTU/scf (7.45 MJ/scm). Determine the net heating value of the gas being combusted by the methods specified in 40 CFR 60.18(f)(3). Subpart A. [40 CFR 60.18(c)(3)(ii)]
Which Months: All Year Statistical Basis: None specified

412 Exit Velocity < 60 ft/sec (18.3 m/sec), as determined by the method specified in 40 CFR 60.18(f)(4). Subpart A. [40 CFR 60.18(c)(4)(i)]
Which Months: All Year Statistical Basis: None specified

413 Exit Velocity < 60 ft/sec (18.3 m/sec), as determined by the method specified in 40 CFR 60.18(f)(4). Subpart A. [40 CFR 60.18(c)(4)(i)]
Which Months: All Year Statistical Basis: None specified

414 Exit Velocity >= 60 and < 400 ft/sec (18.3 m/sec and 122 m/sec), as determined by the method specified in 40 CFR 60.18(f)(4). Subpart A. [40 CFR 60.18(c)(4)(ii)]
Which Months: All Year Statistical Basis: None specified

415 Exit Velocity >= 60 and < 400 ft/sec (18.3 m/sec and 122 m/sec), as determined by the method specified in 40 CFR 60.18(f)(4). Subpart A. [40 CFR 60.18(c)(4)(ii)]
Which Months: All Year Statistical Basis: None specified

416 Exit Velocity < 400 ft/sec (122 m/sec), as determined by the method specified in 40 CFR 60.18(f)(4), and less than the velocity Vmax, as determined by the method specified in 40 CFR 60.18(f)(5). Subpart A. [40 CFR 60.18(c)(4)(iii)]
Which Months: All Year Statistical Basis: None specified

417 Exit Velocity < 400 ft/sec (122 m/sec), as determined by the method specified in 40 CFR 60.18(f)(4), and less than the velocity Vmax, as determined by the method specified in 40 CFR 60.18(f)(5). Subpart A. [40 CFR 60.18(c)(4)(iii)]
Which Months: All Year Statistical Basis: None specified

418 Exit Velocity <_ ft/sec (Vmax). Determine Vmax using the method specified in 40 CFR 60.18(f)(6). Subpart A. [40 CFR 60.18(c)(5)]
Which Months: All Year Statistical Basis: None specified

419 Monitor flares to ensure that they are operated and maintained in conformance with their designs. Applicable subparts will provide provisions stating how to monitor flares. Subpart A. [40 CFR 60.18(d)]

420 Operate at all times when emissions may be vented to the flare. Subpart A. [40 CFR 60.18(e)]

EQT002 Control Device - Flare

421 Presence of a flame monitored by flame monitor continuously. Use a thermocouple or any other equivalent device to detect the presence of a flare pilot flame. Subpart A. [40 CFR 60.18(f)(2)]
Which Months: All Year Statistical Basis: None specified

422 Comply with the requirements of 40 CFR 60.18. Subpart VV. [40 CFR 60.482-10(d)]

423 Monitor control devices to ensure that they are operated and maintained in conformance with their designs using the method specified in 40 CFR 60.485(c). Subpart VV. [40 CFR 60.482-10(e)]

424 Vapor collection systems or closed vent systems (hard-piping): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures in 40 CFR 60.485(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 60.482-10(g). Subpart VV. [40 CFR 60.482-10(f)(1)(i)]
Which Months: All Year Statistical Basis: None specified

425 Vapor collection systems or closed vent systems (hard-piping): Presence of a leak monitored by visual inspection/determination annually for visible, audible, or olfactory indications of leaks. If a leak is detected, initiate repair provisions specified in 40 CFR 60.482-10(g). Subpart VV. [40 CFR 60.482-10(f)(1)(ii)]
Which Months: All Year Statistical Basis: None specified

426 Vapor collection systems or closed vent systems (ductwork): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures in 40 CFR 60.485(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 60.482-10(g). Subpart VV. [40 CFR 60.482-10(f)(2)(i)]
Which Months: All Year Statistical Basis: None specified

427 Vapor collection systems or closed vent systems (ductwork): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually according to the procedures in 40 CFR 60.485(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 60.482-10(g). Subpart VV. [40 CFR 60.482-10(f)(2)(ii)]
Which Months: All Year Statistical Basis: None specified

428 When a leak is detected, make a first attempt at repair no later than 5 calendar days after each leak is detected and complete repairs no later than 15 calendar days after it is detected, except as provided in 40 CFR 60.482-10(h). Subpart VV. [40 CFR 60.482-10(g)]

429 Closed-vent system (unsafe-to-inspect): Determine that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 60.482-10(f)(1)(i) or (f)(2). Subpart VV. [40 CFR 60.482-10(j)(1)]

430 Closed-vent system (unsafe-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Adhere to a written plan that requires inspection of the equipment as frequently as practicable during safe to monitor times. Subpart VV. [40 CFR 60.482-10(j)(2)]
Which Months: All Year Statistical Basis: None specified

431 Closed-vent system (difficult-to-inspect): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than 2 meters above a support surface. Subpart VV. [40 CFR 60.482-10(k)(1)]

432 Closed-vent system (difficult-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Adhere to a written plan that requires inspection of the equipment at least once every five years. Subpart VV. [40 CFR 60.482-10(k)(3)]
Which Months: All Year Statistical Basis: None specified

433 Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection. Record the inspection information specified in 40 CFR 60.482-10(l). Subpart VV. [40 CFR 60.482-10(l)]

434 Ensure that the closed-vent system or control device is operating whenever emissions are vented to the closed-vent system or control device. Subpart VV. [40 CFR 60.482-10(m)]

435 Comply with the requirements of 40 CFR 60.18. Subpart KKK. [40 CFR 60.633(g)]

EQT002 Control Device - Flare

436 Comply with the requirements of 40 CFR 60.18. Subpart V. [40 CFR 61.242-11(d)]

437 Monitor control devices to ensure that they are operated and maintained in conformance with their design. Subpart V. [40 CFR 61.242-11(e)]

438 Closed-vent systems (hard-piping): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially. If an instrument reading greater than 500 ppmv above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 61.242-11(g). Subpart V. [40 CFR 61.242-11(f)(1)(i)]
Which Months: All Year Statistical Basis: None specified

439 Closed-vent systems (hard-piping): Presence of a leak monitored by visual inspection/determination annually. If a leak is detected, initiate repair provisions in 40 CFR 61.242-11(g). Subpart V. [40 CFR 61.242-11(f)(1)(ii)]
Which Months: All Year Statistical Basis: None specified

440 Closed-vent systems (ductwork): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially. If an instrument reading greater than 500 ppmv above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 61.242-11(g). Subpart V. [40 CFR 61.242-11(f)(2)(i)]
Which Months: All Year Statistical Basis: None specified

441 Closed-vent systems (ductwork): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually. If an instrument reading greater than 500 ppmv above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 61.242-11(g). Subpart V. [40 CFR 61.242-11(f)(2)(ii)]
Which Months: All Year Statistical Basis: None specified

442 Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after a leak is detected. Subpart V. [40 CFR 61.242-11(g)]

443 Closed-vent systems (unsafe-to-inspect): Determine that the equipment is unsafe-to-inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 61.242-11(f)(1)(i) or (f)(2). Subpart V. [40 CFR 61.242-11(j)(1)]

444 Closed-vent systems (unsafe-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times. Subpart V. [40 CFR 61.242-11(j)(2)]
Which Months: All Year Statistical Basis: None specified

445 Closed-vent systems (difficult-to-inspect): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than two meters above a support surface. Subpart V. [40 CFR 61.242-11(k)(1)]

446 Closed-vent systems (difficult-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Subpart V. [40 CFR 61.242-11(k)(3)]
Which Months: All Year Statistical Basis: None specified

447 Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection. Record the inspection information specified in 40 CFR 61.482-11(l)(1) through (l)(5). Subpart V. [40 CFR 61.242-11(l)]

448 Ensure that closed-vent systems and control devices are operated at all times when emissions may be vented to them. Subpart V. [40 CFR 61.242-11(m)]

449 Closed-vent system: Operate with no detectable emissions as indicated by an instrument reading of less than 500 ppmv above background, as determined initially and thereafter at least once per year by the methods specified in 40 CFR 61.355(h). Subpart FF. [40 CFR 61.349(a)(1)(i)]

450 Closed-vent system (bypass lines): Flow monitored by flow indicator once every 15 minutes, except as provided in 40 CFR 61.349(a)(1)(ii)(B). Install the flow indicator at the entrance to any bypass line that could divert the vent stream away from the control device to the atmosphere. Subpart FF. [40 CFR 61.349(a)(1)(ii)]
Which Months: All Year Statistical Basis: None specified

451 Closed-vent system (bypass lines): Flow recordkeeping by electronic or hard copy once every 15 minutes. Subpart FF. [40 CFR 61.349(a)(1)(ii)]

452 Closed-vent system: Ensure that all gauging and sampling devices are gas-tight except when gauging or sampling is taking place. Subpart FF. [40 CFR 61.349(a)(1)(iii)]

453 Comply with the requirements of 40 CFR 60.18. Subpart FF. [40 CFR 61.349(a)(2)(iii)]

EQT002 Control Device - Flare

454 Operate at all times when waste is placed in the waste management unit vented to the control device except when maintenance or repair of the waste management unit cannot be completed without a shutdown of the control device. Subpart FF. [40 CFR 61.349(b)]

455 Demonstrate that each control device, except for a flare, achieves the appropriate conditions specified in 40 CFR 61.349(a)(2) using one of methods specified in 40 CFR 61.349(c)(1) and (c)(2). Subpart FF. [40 CFR 61.349(c)]

456 Equipment/operational data monitored by visual inspection/determination once initially and once every quarter thereafter. Include inspection of ductwork and piping and connections to covers and control devices for evidence of visible defects such as holes in ductwork or piping and loose connections. Subpart FF. [40 CFR 61.349(f)]
Which Months: All Year Statistical Basis: None specified

457 Make a first effort to repair the closed-vent system and control device as soon as practicable but no later than 5 calendar days after visible defects are observed during an inspection, or if other problems are identified, or if detectable emissions are measured, except as provided in 40 CFR 61.350. Complete repair no later than 15 calendar days after the emissions are detected or the visible defect is observed. Subpart FF. [40 CFR 61.349(g)]

458 Presence of a flame monitored by the regulation's specified method(s) continuously as specified in 40 CFR 60.18(f)(2). Subpart FF. [40 CFR 61.354(c)(3)]
Which Months: All Year Statistical Basis: None specified

459 Presence of a flame recordkeeping by recorder continuously. Subpart FF. [40 CFR 61.354(c)(3)]

460 Monitoring data monitored by technically sound method daily. Inspect the data recorded by the monitoring equipment to ensure that the control device is operating properly. Subpart FF. [40 CFR 61.354(c)]
Which Months: All Year Statistical Basis: None specified

461 Closed-vent system (bypass line): Seal or closure mechanism monitored by visual inspection/determination monthly. Check the position of the valve and the condition of the car-seal or closure mechanism required under 40 CFR 61.349(a)(1)(ii) to ensure that the valve is maintained in the closed position and the vent stream is not diverted through the bypass line. Subpart FF. [40 CFR 61.354(f)(1)]
Which Months: All Year Statistical Basis: None specified

462 Closed-vent system (bypass line): Flow monitored by visual inspection/determination daily. Inspect the readings from each flow monitoring device required by 40 CFR 61.349(a)(1)(ii) to check that vapors are being routed to the control device as required. Subpart FF. [40 CFR 61.354(f)(2)]
Which Months: All Year Statistical Basis: None specified

463 Pressure monitored by pressure instrument continuously to ensure that the pressure is less than atmospheric pressure. Subpart FF. [40 CFR 61.354(g)]
Which Months: All Year Statistical Basis: None specified

464 Pressure recordkeeping by recorder continuously. Subpart FF. [40 CFR 61.354(g)]

465 Determine compliance with 40 CFR 61 Subpart FF using the test methods and procedures specified in 40 CFR 61.355(a) through (i), as applicable. Subpart FF. [40 CFR 61.355]

466 Equipment/operational data recordkeeping by electronic or hard copy continuously Maintain records as specified in 40 CFR 61.356(a) through (n). Maintain each record in a readily accessible location at the facility site for a period not less than two years from the date the information is recorded unless otherwise specified. Subpart FF. [40 CFR 61.356]

467 Monitor flares to assure that they are operated and maintained in conformance with their designs. Subpart A. [40 CFR 63.11(b)(1)]

468 Operate at all times when emissions may be vented to the flare. Subpart A. [40 CFR 63.11(b)(3)]

469 Design and operate for no visible emissions, as determined using Test Method 22 in Appendix A of 40 CFR 60, except for periods not to exceed a total of 5 minutes during any two consecutive hours. Subpart A. [40 CFR 63.11(b)(4)]

470 Operate with a flame present at all times. Subpart A. [40 CFR 63.11(b)(5)]

471 Presence of a flame monitored by flame monitor continuously. Use a thermocouple or any other equivalent device to detect the presence of a flame. Subpart A. [40 CFR 63.11(b)(5)]
Which Months: All Year Statistical Basis: None specified

EQT002 Control Device - Flare

472 Diameter >= 3 in; nonassisted; Hydrogen content >= 8 % by volume; Exit Velocity < 122 ft/sec (37.2 m/sec) and < Vmax, as determined using the equation specified in 40 CFR 63.11(b)(6)(i)(A). Subpart A. [40 CFR 63.11(b)(6)(i)(A)]
Which Months: All Year Statistical Basis: None specified

473 Determine the actual exit velocity using the method specified in 40 CFR 63.11(b)(7)(i). Subpart A. [40 CFR 63.11(b)(6)(i)(B)]

474 Heat content >= 300 BTU/scf (11.2 MJ/scm). Determine the net heating value of the gas being combusted using the equation specified in 40 CFR 63.11(b)(6)(ii). Subpart A. [40 CFR 63.11(b)(6)(ii)]
Which Months: All Year Statistical Basis: None specified

475 Heat content >= 300 BTU/scf (11.2 MJ/scm). Determine the net heating value of the gas being combusted using the equation specified in 40 CFR 63.11(b)(6)(ii). Subpart A. [40 CFR 63.11(b)(6)(ii)]
Which Months: All Year Statistical Basis: None specified

476 Heat content >= 200 BTU/scf (7.45 MJ/scm). Determine the net heating value of the gas being combusted using the equation specified in 40 CFR 63.11(b)(6)(ii). Subpart A. [40 CFR 63.11(b)(6)(ii)]
Which Months: All Year Statistical Basis: None specified

477 Exit Velocity < 60 ft/sec (18.3 m/sec), as determined using the method specified in 40 CFR 63.11(b)(7)(i). Subpart A. [40 CFR 63.11(b)(7)(i)]
Which Months: All Year Statistical Basis: None specified

478 Exit Velocity < 60 ft/sec (18.3 m/sec), as determined using the method specified in 40 CFR 63.11(b)(7)(i). Subpart A. [40 CFR 63.11(b)(7)(i)]
Which Months: All Year Statistical Basis: None specified

479 Exit Velocity >= 60 and < 400 ft/sec (18.3 m/sec and 122 m/sec), as determined by the method specified in 40 CFR 63.11(b)(7)(i). Subpart A. [40 CFR 63.11(b)(7)(ii)]
Which Months: All Year Statistical Basis: None specified

480 Exit Velocity >= 60 and < 400 ft/sec (18.3 m/sec and 122 m/sec), as determined by the method specified in 40 CFR 63.11(b)(7)(i). Subpart A. [40 CFR 63.11(b)(7)(ii)]
Which Months: All Year Statistical Basis: None specified

481 Exit Velocity < 400 ft/sec and Vmax, as determined by the method specified in 40 CFR 63.11(b)(7)(i). Determine Vmax using the method specified in 40 CFR 63.11(b)(7)(iii). Subpart A. [40 CFR 63.11(b)(7)(iii)]
Which Months: All Year Statistical Basis: None specified

482 Exit Velocity < 400 ft/sec and Vmax, as determined by the method specified in 40 CFR 63.11(b)(7)(i). Determine Vmax using the method specified in 40 CFR 63.11(b)(7)(iii). Subpart A. [40 CFR 63.11(b)(7)(iii)]
Which Months: All Year Statistical Basis: None specified

483 Exit Velocity <_ ft/sec (Vmax). Determine Vmax using the equation specified in 40 CFR 63.11(b)(8). Subpart A. [40 CFR 63.11(b)(8)]
Which Months: All Year Statistical Basis: None specified

484 Design and operate in accordance with the requirements of 40 CFR 63.771(d). Subpart HH. [40 CFR 63.765(b)(1)(i)]

485 Outlet emissions: Benzene < 0.90 Mg/yr. Subpart HH. [40 CFR 63.765(b)(1)(ii)]
Which Months: All Year Statistical Basis: None specified

486 Design and operate in accordance with the requirements of 40 CFR 63.771(d), except that the performance levels specified in 40 CFR 63.771(d)(1)(i) and (ii) do not apply. Subpart HH. [40 CFR 63.765(b)(1)(ii)]

487 Closed-vent system: Design and operate in accordance with the requirements of 40 CFR 63.771(c). Subpart HH. [40 CFR 63.765(b)(1)]

488 Emissions to the atmosphere: HAP >= 95 % reduction. Subpart HH. [40 CFR 63.765(c)(2)]
Which Months: All Year Statistical Basis: None specified

489 Comply with the flare requirements of 40 CFR 63.11(b). Subpart HH. [40 CFR 63.769(c)(8)]

EQT002 Control Device - Flare

490 Closed-vent system: Route all gases, vapors, and fumes emitted from the material in a HAP emissions unit to a control device that meets the requirements specified in 40 CFR 63.771(d). Subpart HH. [40 CFR 63.771(c)(1)]

491 Closed-vent system: Design and operate with no detectable emissions, as determined by 40 CFR 63.772(c). Subpart HH. [40 CFR 63.771(c)(2)]

492 Closed-vent system (bypass device): Flow monitored by flow indicator periodically. The flow indicator must sound an alarm when the bypass device is open such that the stream is being, or could be, diverted away from the control device to the atmosphere Subpart HH. [40 CFR 63.771(c)(3)(i)(A)]
Which Months: All Year Statistical Basis: None specified

493 Closed-vent system (bypass device): Secure the bypass device valve installed at the inlet to the bypass device in the non-diverting position using a car-seal or a lock-and-key type configuration. Subpart HH. [40 CFR 63.771(c)(3)(i)(B)]

494 Design and operate in accordance with the requirements of 40 CFR 63.11(b). Subpart HH. [40 CFR 63.771(d)(1)(iii)]

495 Operate at all times when gases, vapors, and fumes are vented from the HAP emissions unit or units through the closed-vent system to the control device, as required under 40 CFR 63.765, 40 CFR 63.766, and 40 CFR 63.769, except when maintenance or repair on a unit cannot be completed without a shutdown of the control device. Subpart HH. [40 CFR 63.771(d)(4)(i)]

496 Demonstrate compliance with the monitoring requirements of 40 CFR 63.773(d) according to the requirements of 40 CFR 63.772(f) or (g), as applicable. Subpart HH. [40 CFR 63.771(d)(4)(ii)]

497 Design and operate each flare in accordance with the requirements specified in 40 CFR 63.11(b) and 63.772(e)(2)(i) and (e)(2)(ii). Subpart HH. [40 CFR 63.772(e)(2)]

498 Demonstrate that the control device meets the requirements of 40 CFR 63.771(d)(1) or (e)(3)(ii) by conducting a performance test. Use the test methods and procedures specified in 40 CFR 63.772(e)(3)(i) through (e)(3)(iv). Submit the performance test results in the Notification of Compliance Status Report as required in 40 CFR 63.775(d)(1)(ii). Subpart HH. [40 CFR 63.772(e)(3)]

499 Demonstrate that the control device meets the requirements of 40 CFR 63.771(d)(1) or (e)(3)(ii) by conducting a design analysis meeting the requirements of 40 CFR 63.772(e)(4)(i) and (e)(4)(ii). Submit documentation of the design analysis as a part of the Notification of Compliance Status Report as required in 40 CFR 63.775(d)(1)(i). Subpart HH. [40 CFR 63.772(e)(4)]

500 Establish a site specific maximum or minimum monitoring parameter value (as appropriate) according to the requirements of 40 CFR 63.773(d)(5)(i). Subpart HH. [40 CFR 63.772(f)(1)]

501 Calculate the daily average of the applicable monitored parameter in accordance with 40 CFR 63.773(d)(4). Subpart HH. [40 CFR 63.772(f)(2)]

502 Closed-vent system (joints, seams, or other connections that are permanently or semi-permanently sealed): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures specified in 40 CFR 63.772(c) to demonstrate that the closed-vent system operates with no detectable emissions. Submit inspection results with the Notification of Compliance Status Report as specified in 40 CFR 63.775(d)(1) or (d)(2). Subpart HH. [40 CFR 63.773(c)(2)(i)(A)]
Which Months: All Year Statistical Basis: None specified

503 Closed-vent system (joints, seams, or other connections that are permanently or semi-permanently sealed): Equipment/operational data monitored by visual inspection/determination annually for defects that could result in air emissions. Submit the inspection results in the Periodic Report as specified in 40 CFR 63.775(e)(2)(iii). Subpart HH. [40 CFR 63.773(c)(2)(i)(B)]
Which Months: All Year Statistical Basis: None specified

504 Closed-vent system (joints, seams, or other connections that are permanently or semi-permanently sealed): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 upon each occurrence of component repair or replacement or connection unsealing, to demonstrate that it operates with no detectable emissions. Use the procedures in 40 CFR 63.772(c). Submit the inspection results in the Periodic Report as specified in 40 CFR 63.775(e)(2)(iii). Subpart HH. [40 CFR 63.773(c)(2)(i)(B)]
Which Months: All Year Statistical Basis: None specified

EQT002 Control Device - Flare

505 Closed-vent system (components other than those in 40 CFR 63.773(c)(2)(1)): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures specified in 40 CFR 63.772(c) to demonstrate that the closed-vent system operates with no detectable emissions. Submit inspection results with the Notification of Compliance Status Report as specified in 40 CFR 63.775(d)(1) or (d)(2). Subpart HH. [40 CFR 63.773(c)(2)(ii)(A)]
Which Months: All Year Statistical Basis: None specified

506 Closed-vent system (components other than those in 40 CFR 63.773(c)(2)(1)): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually according to the procedures specified in 40 CFR 63.772(c) to demonstrate that the components or connections operate with no detectable emissions. Submit the inspection results in the Periodic Report as specified in 40 CFR 63.775(e)(2)(iii). Subpart HH. [40 CFR 63.773(c)(2)(ii)(B)]
Which Months: All Year Statistical Basis: None specified

507 Closed-vent system (components other than those in 40 CFR 63.773(c)(2)(1)): Equipment/operational data monitored by visual inspection/determination annually for defects that could result in air emissions. Submit the inspection results in the Periodic Report as specified in 40 CFR 63.775(e)(2)(iii). Subpart HH. [40 CFR 63.773(c)(2)(ii)(C)]
Which Months: All Year Statistical Basis: None specified

508 Closed-vent system (bypass device): Flow monitored by flow indicator once every 15 minutes. Install the flow indicator at the inlet to the bypass device. Subpart HH. [40 CFR 63.773(c)(2)(iv)(A)]
Which Months: All Year Statistical Basis: None specified

509 Closed-vent system (bypass device): Seal or closure mechanism monitored by visual inspection/determination monthly to verify that the valve is maintained in the non-diverting position and the vent stream is not diverted through the bypass device. Subpart HH. [40 CFR 63.773(c)(2)(iv)(B)]
Which Months: All Year Statistical Basis: None specified

510 Closed-vent system: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.773(c)(4). Subpart HH. [40 CFR 63.773(c)(3)]

511 Closed-vent system (unsafe-to-inspect): Determine that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 63.773(c)(2)(i), (ii), or (iii). Subpart HH. [40 CFR 63.773(c)(5)(i)]

512 Closed-vent system (unsafe-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times. Subpart HH. [40 CFR 63.773(c)(5)(ii)]
Which Months: All Year Statistical Basis: None specified

513 Closed-vent system (difficult-to-inspect): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than 2 meters above a support surface. Subpart HH. [40 CFR 63.773(c)(6)(i)]

514 Closed-vent system (difficult-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Subpart HH. [40 CFR 63.773(c)(6)(ii)]

515 Ensure that the continuous monitoring system used to comply with 40 CFR 63.773(d)(3) through (d)(9) is designed and operated so that a determination can be made on whether the control device is achieving the applicable performance requirements of 40 CFR 63.771(d) or (e)(3). Subpart HH. [40 CFR 63.773(d)(1)]

516 Presence of a flame monitored by heat sensing device continuously. Subpart HH. [40 CFR 63.773(d)(3)(i)(C)]
Which Months: All Year Statistical Basis: None specified

517 Presence of a flame recordkeeping by electronic or hard copy continuously. Subpart HH. [40 CFR 63.773(d)(3)(i)(C)]

518 Organic compounds monitored by organic monitoring device continuously. Measure the concentration level in the exhaust vent stream from the control device, as specified. Subpart HH. [40 CFR 63.773(d)(3)(ii)]
Which Months: All Year Statistical Basis: None specified

519 Organic compounds recordkeeping by electronic or hard copy continuously. Record the concentration level in the exhaust vent stream from the control device, as specified. Subpart HH. [40 CFR 63.773(d)(3)(ii)]

EQT002 Control Device - Flare

520 Calculate the daily average value for each monitored operating parameter for each operating day using the data recorded by the monitoring system. Subpart HH. [40 CFR 63.773(d)(4)]

521 Establish a minimum operating parameter value or a maximum operating parameter value, as appropriate for the control device, to define the conditions at which the control device must be operated to continuously achieve the applicable performance requirements of 40 CFR 63.771(d)(1) or 40 CFR 63.771(e)(3)(ii). Establish operating parameter values as specified in 40 CFR 63.773(d)(5)(i)(A) and (d)(5)(i)(B). Subpart HH. [40 CFR 63.773(d)(5)(i)]

522 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in 40 CFR 63.774(b) through (e). Subpart HH. [40 CFR 63.774]

EQT003 Control Device - Enclosed Combustion Device

523 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

524 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

525 VOC, Total >= 95 % control efficiency. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year. [LAC 33:III.2103.E.1]
Which Months: All Year Statistical Basis: None specified

526 VOC, Total >= 90 % control efficiency. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year. [LAC 33:III.2103.E.2]
Which Months: All Year Statistical Basis: None specified

527 Determine compliance with LAC 33:III.2103.E using the methods in LAC 33:III.2103.H.2.a-e, where appropriate. [LAC 33:III.2103.H.2]

528 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]

529 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]

530 Flash gas: VOC, Total >= 95 % reduction. [LAC 33:III.2104.C.1]
Which Months: All Year Statistical Basis: None specified

531 Flash gas: VOC, Total >= 95 % reduction. [LAC 33:III.2104.C.2]
Which Months: All Year Statistical Basis: None specified

532 Flash gas (potential to emit): VOC, Total < 25 tons/yr. [LAC 33:III.2104.C.2]
Which Months: All Year Statistical Basis: None specified

533 Flash gas: VOC, Total >= 95 % reduction. [LAC 33:III.2104.C.3]
Which Months: All Year Statistical Basis: None specified

534 Flash gas (potential to emit): VOC, Total < 50 tons/yr. [LAC 33:III.2104.C.3]
Which Months: All Year Statistical Basis: None specified

535 Flash gas: VOC, Total >= 95 % reduction. [LAC 33:III.2104.C.4]
Which Months: All Year Statistical Basis: None specified

EQT003 Control Device - Enclosed Combustion Device

536 Flash gas (potential to emit): VOC, Total < 100 tons/yr. [LAC 33:III.2104.C.4]
Which Months: All Year Statistical Basis: None specified

537 Achieve compliance by the appropriate date specified in LAC 33:III.2104.E. Comply with the requirements of LAC 33:III.2104 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2104 as a result of a revision to LAC 33:III.2104. [LAC 33:III.2104.E]

538 Determine compliance with LAC 33:III.2104.C using the methods in LAC 33:III.2104.F.2.a-e, as appropriate. [LAC 33:III.2104.F.2]

539 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2104.G.2.b.i and ii and G.4. [LAC 33:III.2104.G]

540 VOC, Total >= 90 % DRE. [LAC 33:III.2107.B]
Which Months: All Year Statistical Basis: None specified

541 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2107.D.3-4. [LAC 33:III.2107.D]

542 Determine compliance with LAC 33:III.2107.B using the methods in LAC 33:III.2107.E.1 through 5, as appropriate. [LAC 33:III.2107.E]

543 VOC, Total >= 90 % reduction by weight. [LAC 33:III.2108.C.2]
Which Months: All Year Statistical Basis: None specified

544 Determine compliance with LAC 33:III.2108.C.3 using the methods in LAC 33:III.2108.E.1-5, as appropriate. [LAC 33:III.2108.E]

545 Submit test results: Due to the Office of Environmental Assessment, Environmental Technology Division within 45 days of any testing done in accordance with LAC 33:III.2108.E. [LAC 33:III.2108.F.1]

546 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2108.F.2.a-e. [LAC 33:III.2108.F.2]

547 Nonhalogenated hydrocarbon burning: Temperature >= 1300 F (704 degrees C) for 0.3 second or greater in a direct-flame afterburner or an equally effective device which achieves a removal efficiency of 95 percent or greater, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 50 ppm by volume, whichever is less stringent. [LAC 33:III.2115.A]
Which Months: All Year Statistical Basis: None specified

548 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.B]
Which Months: All Year Statistical Basis: None specified

549 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.C]
Which Months: All Year Statistical Basis: None specified

550 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.D]
Which Months: All Year Statistical Basis: None specified

551 VOC, Total <= 0.12 kg/1000 kg of product from the material recovery section. [LAC 33:III.2115.E]
Which Months: All Year Statistical Basis: None specified

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552 Halogenated hydrocarbons, total >= 95 % removal efficiency as determined in accordance with LAC 33:III.2115.J.1, by combustion or other methods specified in LAC 33:III.2115.G. If combusted, reduce the halogenated products of combustion to an emission level acceptable to DEQ. [LAC 33:III.2115.F]
Which Months: All Year Statistical Basis: None specified

553 Determine compliance with LAC 33:III.2115.A through G by applying the test methods specified in LAC 33:III.2115.I.1 through 5, as appropriate. [LAC 33:III.2115.I]

554 Demonstrate compliance with LAC 33:III.2115 as requested by DEQ. [LAC 33:III.2115.J.1]

555 Install and maintain monitors to accurately measure and record operational parameters of all required control devices as necessary to ensure the proper functioning of those devices in accordance with design specifications. Monitor and record at a minimum the parameters listed in LAC 33:III.2115.J.2.a through e. [LAC 33:III.2115.J.2]

556 Comply with LAC 33:III.2115 as soon as practicable but in no event later than August 20, 2003. Comply with the requirements of LAC 33:III.2115 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2115 as a result of a revision of LAC 33:III.2115. [LAC 33:III.2115.J]

557 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.2115.K.1 through K.3. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

558 Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

559 VOC, Total >= 70 % reduction. Demonstrate percent reduction using the methods found in LAC 33:III.2116.D. [LAC 33:III.2116.B.1.a]
Which Months: All Year Statistical Basis: None specified

560 VOC, Total >= 85 % reduction. Demonstrate percent reduction using the methods found in LAC 33:III.2116.D. [LAC 33:III.2116.B.2]
Which Months: All Year Statistical Basis: None specified

561 Flare gas: Heat content > 300 BTU/scf. [LAC 33:III.2116.B.3]
Which Months: All Year Statistical Basis: None specified

562 Presence of a flame monitored by visual inspection/determination daily. [LAC 33:III.2116.B.3]
Which Months: All Year Statistical Basis: None specified

563 Determine compliance with LAC 33:III.2116.B using the methods in LAC 33:III.2116.D.1-5, as appropriate. [LAC 33:III.2116.D]

564 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of the information specified in LAC 33:III.2116.F.1 and 2. [LAC 33:III.2116.F]

565 Equipment/operational data <=_ appropriate units. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

566 Equipment/operational data monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

567 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total xxxxxxxxxxxxxxxxxxxxxxx each month, as well as the total xxxxxxxxxxxxxxxx for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

568 Submit report: Due annually, by the 31st of March. Report the xxxxxxxxxxxxxxxxxxx for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

569 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]

570 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]

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571 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]

572 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]

573 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]

574 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]

575 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]

576 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]

577 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

578 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]

579 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]

580 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]

581 Closed vent system: Design to collect all VOC vapors and gases discharged from the storage vessel. Subpart Kb. [40 CFR 60.112b(a)(3)(i)]

582 Closed vent system (no detectable emissions): VOC, Total < 500 ppm above background as indicated by instrument readings and visual inspections, as determined in Subpart VV, 40 CFR 60.485(c). Subpart Kb. [40 CFR 60.112b(a)(3)(i)]
Which Months: All Year Statistical Basis: None specified

583 VOC, Total >= 95 % reduction efficiency. Subpart Kb. [40 CFR 60.112b(a)(3)(ii)]
Which Months: All Year Statistical Basis: None specified

584 Submit an operating plan as an attachment to the notification required by 40 CFR 60.7(a)(1) or, if the facility is exempt from 40 CFR 60.7(a)(1), as an attachment to the notification required by 40 CFR 60.7(a)(2), for approval by DEQ. The operating plan shall contain the information listed in 40 CFR 60.113b(c)(1)(i) and (ii). Subpart Kb. [40 CFR 60.113b(c)(1)]

585 Operate the closed vent system and control device in accordance with the operating plan submitted to DEQ in accordance with 40 CFR 60.113b(c)(1) of this section, unless the plan was modified by DEQ during the review process. In this case, the modified plan applies. Subpart Kb. [40 CFR 60.113b(c)(2)]

586 Equipment/operational data monitored by the regulation's specified method(s) at the regulation's specified frequency. Monitor the parameters of the closed vent system and control device in accordance with the operating plan submitted to DEQ in accordance with 40 CFR 60.113b(c)(1) of this section, unless the plan was modified by DEQ during the review process. In this case, the modified plan applies. Subpart Kb. [40 CFR 60.113b(c)(2)]
Which Months: All Year Statistical Basis: None specified

587 Operating plan recordkeeping by electronic or hard copy continuously. Keep copies of all records for the life of the control equipment. Subpart Kb. [40 CFR 60.115b(c)(1)]

588 Monitoring data recordkeeping by electronic or hard copy upon measurement in accordance with the operating plan of 40 CFR 60.113b(c)(2). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(c)(2)]

EQT003 Control Device - Enclosed Combustion Device

589 VOC, Total >= 95 % reduction efficiency, or exit concentration <= 20 ppmv, on a dry basis, corrected to 3% oxygen, whichever is less stringent, or residence time >= 0.75 seconds at a minimum temperature of 816 degrees C. Subpart VV. [40 CFR 60.482-10(c)]
Which Months: All Year Statistical Basis: None specified

590 Monitor control devices to ensure that they are operated and maintained in conformance with their designs using the method specified in 40 CFR 60.485(c). Subpart VV. [40 CFR 60.482-10(e)]

591 Vapor collection systems or closed vent systems (hard-piping): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures in 40 CFR 60.485(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 60.482-10(g). Subpart VV. [40 CFR 60.482-10(f)(1)(i)]
Which Months: All Year Statistical Basis: None specified

592 Vapor collection systems or closed vent systems (hard-piping): Presence of a leak monitored by visual inspection/determination annually for visible, audible, or olfactory indications of leaks. If a leak is detected, initiate repair provisions specified in 40 CFR 60.482-10(g). Subpart VV. [40 CFR 60.482-10(f)(1)(ii)]
Which Months: All Year Statistical Basis: None specified

593 Vapor collection systems or closed vent systems (ductwork): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures in 40 CFR 60.485(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 60.482-10(g). Subpart VV. [40 CFR 60.482-10(f)(2)(i)]
Which Months: All Year Statistical Basis: None specified

594 Vapor collection systems or closed vent systems (ductwork): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually according to the procedures in 40 CFR 60.485(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 60.482-10(g). Subpart VV. [40 CFR 60.482-10(f)(2)(ii)]
Which Months: All Year Statistical Basis: None specified

595 When a leak is detected, make a first attempt at repair no later than 5 calendar days after each leak is detected and complete repairs no later than 15 calendar days after it is detected, except as provided in 40 CFR 60.482-10(h). Subpart VV. [40 CFR 60.482-10(g)]

596 Closed-vent system (unsafe-to-inspect): Determine that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 60.482-10(f)(1)(i) or (f)(2). Subpart VV. [40 CFR 60.482-10(j)(1)]

597 Closed-vent system (unsafe-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Adhere to a written plan that requires inspection of the equipment as frequently as practicable during safe to monitor times. Subpart VV. [40 CFR 60.482-10(j)(2)]
Which Months: All Year Statistical Basis: None specified

598 Closed-vent system (difficult-to-inspect): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than 2 meters above a support surface. Subpart VV. [40 CFR 60.482-10(k)(1)]

599 Closed-vent system (difficult-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Adhere to a written plan that requires inspection of the equipment at least once every five years. Subpart VV. [40 CFR 60.482-10(k)(3)]
Which Months: All Year Statistical Basis: None specified

600 Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection. Record the inspection information specified in 40 CFR 60.482-10(l). Subpart VV. [40 CFR 60.482-10(l)]

601 Ensure that the closed-vent system or control device is operating whenever emissions are vented to the closed-vent system or control device. Subpart VV. [40 CFR 60.482-10(m)]

602 VOC, Total >= 95 % reduction efficiency or exit concentration <= 20 ppmv, on a dry basis, corrected to 3 percent oxygen, whichever is less stringent; or residence time >= 0.50 seconds at a minimum temperature of 760 degrees C. Subpart V. [40 CFR 61.242-11(c)]
Which Months: All Year Statistical Basis: None specified

EQT003 Control Device - Enclosed Combustion Device

603 Monitor control devices to ensure that they are operated and maintained in conformance with their design. Subpart V. [40 CFR 61.242-11(e)]

604 Closed-vent systems (hard-piping): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially. If an instrument reading greater than 500 ppmv above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 61.242-11(g). Subpart V. [40 CFR 61.242-11(f)(1)(i)]
Which Months: All Year Statistical Basis: None specified

605 Closed-vent systems (hard-piping): Presence of a leak monitored by visual inspection/determination annually. If a leak is detected, initiate repair provisions in 40 CFR 61.242-11(g). Subpart V. [40 CFR 61.242-11(f)(1)(ii)]
Which Months: All Year Statistical Basis: None specified

606 Closed-vent systems (ductwork): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially. If an instrument reading greater than 500 ppmv above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 61.242-11(g). Subpart V. [40 CFR 61.242-11(f)(2)(i)]
Which Months: All Year Statistical Basis: None specified

607 Closed-vent systems (ductwork): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually. If an instrument reading greater than 500 ppmv above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 61.242-11(g). Subpart V. [40 CFR 61.242-11(f)(2)(ii)]
Which Months: All Year Statistical Basis: None specified

608 Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after a leak is detected. Subpart V. [40 CFR 61.242-11(g)]

609 Closed-vent systems (unsafe-to-inspect): Determine that the equipment is unsafe-to-inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 61.242-11(f)(1)(i) or (f)(2). Subpart V. [40 CFR 61.242-11(j)(1)]

610 Closed-vent systems (unsafe-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times. Subpart V. [40 CFR 61.242-11(j)(2)]
Which Months: All Year Statistical Basis: None specified

611 Closed-vent systems (difficult-to-inspect): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than two meters above a support surface. Subpart V. [40 CFR 61.242-11(k)(1)]

612 Closed-vent systems (difficult-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Subpart V. [40 CFR 61.242-11(k)(3)]
Which Months: All Year Statistical Basis: None specified

613 Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection. Record the inspection information specified in 40 CFR 61.482-11(l)(1) through (l)(5). Subpart V. [40 CFR 61.242-11(l)]

614 Ensure that closed-vent systems and control devices are operated at all times when emissions may be vented to them. Subpart V. [40 CFR 61.242-11(m)]

615 Closed-vent system: Operate with no detectable emissions as indicated by an instrument reading of less than 500 ppmv above background, as determined initially and thereafter at least once per year by the methods specified in 40 CFR 61.355(h). Subpart FF. [40 CFR 61.349(a)(1)(i)]

616 Closed-vent system (bypass lines): Flow monitored by flow indicator once every 15 minutes, except as provided in 40 CFR 61.349(a)(1)(ii)(B). Install the flow indicator at the entrance to any bypass line that could divert the vent stream away from the control device to the atmosphere. Subpart FF. [40 CFR 61.349(a)(1)(ii)]
Which Months: All Year Statistical Basis: None specified

617 Closed-vent system (bypass lines): Flow recordkeeping by electronic or hard copy once every 15 minutes. Subpart FF. [40 CFR 61.349(a)(1)(ii)]

618 Closed-vent system: Ensure that all gauging and sampling devices are gas-tight except when gauging or sampling is taking place. Subpart FF. [40 CFR 61.349(a)(1)(iii)]

619 Total Organic Compounds (TOC) >= 95 % reduction by weight. Subpart FF. [40 CFR 61.349(a)(2)(i)(A)]
Which Months: All Year Statistical Basis: None specified

EQT003 Control Device - Enclosed Combustion Device

620 Total Organic Compounds (TOC) <= 20 ppmv (as the sum of the concentrations for individual compounds using Method 18) on a dry basis corrected to 3 percent oxygen. Subpart FF. [40 CFR 61.349(a)(2)(i)(B)]
Which Months: All Year Statistical Basis: None specified

621 Residence time >= 0.5 sec at a minimum temperature of 760 degrees C (1400 degrees F). Subpart FF. [40 CFR 61.349(a)(2)(i)(C)]
Which Months: All Year Statistical Basis: None specified

622 Introduce the vent stream into the flame zone of the boiler or process heater. Subpart FF. [40 CFR 61.349(a)(2)(i)(C)]

623 Operate at all times when waste is placed in the waste management unit vented to the control device except when maintenance or repair of the waste management unit cannot be completed without a shutdown of the control device. Subpart FF. [40 CFR 61.349(b)]

624 Demonstrate that each control device, except for a flare, achieves the appropriate conditions specified in 40 CFR 61.349(a)(2) using one of methods specified in 40 CFR 61.349(c)(1) and (c)(2). Subpart FF. [40 CFR 61.349(c)]

625 Equipment/operational data monitored by visual inspection/determination once initially and once every quarter thereafter. Include inspection of ductwork and piping and connections to covers and control devices for evidence of visible defects such as holes in ductwork or piping and loose connections. Subpart FF. [40 CFR 61.349(f)]
Which Months: All Year Statistical Basis: None specified

626 Make a first effort to repair the closed-vent system and control device as soon as practicable but no later than 5 calendar days after visible defects are observed during an inspection, or if other problems are identified, or if detectable emissions are measured, except as provided in 40 CFR 61.350. Complete repair no later than 15 calendar days after the emissions are detected or the visible defect is observed. Subpart FF. [40 CFR 61.349(g)]

627 Temperature monitored by temperature monitoring device continuously. Install the temperature sensor at a representative location in the combustion chamber. Subpart FF. [40 CFR 61.354(c)(1)]
Which Months: All Year Statistical Basis: None specified

628 Temperature recordkeeping by recorder continuously. Subpart FF. [40 CFR 61.354(c)(1)]

629 Temperature monitored by temperature monitoring device continuously. Install one temperature sensor in the vent stream at the nearest feasible point to the catalyst bed inlet and a second temperature sensor in the vent stream at the nearest feasible point to the catalyst bed outlet. Subpart FF. [40 CFR 61.354(c)(2)]
Which Months: All Year Statistical Basis: None specified

630 Temperature recordkeeping by recorder continuously. Subpart FF. [40 CFR 61.354(c)(2)]

631 Temperature monitored by temperature monitoring device continuously. Install the temperature sensor at a representative location in the combustion chamber. Subpart FF. [40 CFR 61.354(c)(4)]
Which Months: All Year Statistical Basis: None specified

632 Temperature recordkeeping by recorder continuously. Subpart FF. [40 CFR 61.354(c)(4)]

633 Equipment/operational data monitored by technically sound method continuously. Monitor a parameter that indicates good combustion operating practices are being used. Subpart FF. [40 CFR 61.354(c)(5)]
Which Months: All Year Statistical Basis: None specified

634 Equipment/operational data recordkeeping by recorder continuously. Record a parameter that indicates good combustion operating practices are being used. Subpart FF. [40 CFR 61.354(c)(5)]

635 Monitoring data monitored by technically sound method daily. Inspect the data recorded by the monitoring equipment to ensure that the control device is operating properly. Subpart FF. [40 CFR 61.354(c)]
Which Months: All Year Statistical Basis: None specified

EQT003 Control Device - Enclosed Combustion Device

636 Closed-vent system (bypass line): Seal or closure mechanism monitored by visual inspection/determination monthly. Check the position of the valve and the condition of the car-seal or closure mechanism required under 40 CFR 61.349(a)(1)(ii) to ensure that the valve is maintained in the closed position and the vent stream is not diverted through the bypass line. Subpart FF. [40 CFR 61.354(f)(1)]
Which Months: All Year Statistical Basis: None specified

637 Closed-vent system (bypass line): Flow monitored by visual inspection/determination daily. Inspect the readings from each flow monitoring device required by 40 CFR 61.349(a)(1)(ii) to check that vapors are being routed to the control device as required. Subpart FF. [40 CFR 61.354(f)(2)]
Which Months: All Year Statistical Basis: None specified

638 Pressure monitored by pressure instrument continuously to ensure that the pressure is less than atmospheric pressure. Subpart FF. [40 CFR 61.354(g)]
Which Months: All Year Statistical Basis: None specified

639 Pressure recordkeeping by recorder continuously. Subpart FF. [40 CFR 61.354(g)]

640 Determine compliance with 40 CFR 61 Subpart FF using the test methods and procedures specified in 40 CFR 61.355(a) through (i), as applicable. Subpart FF. [40 CFR 61.355]

641 Equipment/operational data recordkeeping by electronic or hard copy continuously Maintain records as specified in 40 CFR 61.356(a) through (n). Maintain each record in a readily accessible location at the facility site for a period not less than two years from the date the information is recorded unless otherwise specified. Subpart FF. [40 CFR 61.356]

642 Design and operate in accordance with the requirements of 40 CFR 63.1281(d). Subpart HHH. [40 CFR 63.1275(b)(1)(i)]

643 Outlet emissions: Benzene < 0.90 Mg/yr. Subpart HHH. [40 CFR 63.1275(b)(1)(ii)]
Which Months: All Year Statistical Basis: None specified

644 Design and operate in accordance with the requirements of 40 CFR 63.1281(d), except that the performance requirements specified in 40 CFR 63.1281(d)(1)(i) and (d)(1)(ii) do not apply. Subpart HHH. [40 CFR 63.1275(b)(1)(ii)]

645 Closed-vent system: Design and operate in accordance with the requirements of 40 CFR 63.1281(c). Subpart HHH. [40 CFR 63.1275(b)(1)]

646 Emissions to the atmosphere: HAP >= 95 % reduction. Subpart HHH. [40 CFR 63.1275(c)(2)]
Which Months: All Year Statistical Basis: None specified

647 Closed-vent system: Route all gases, vapors, and fumes emitted from the material in a HAP emissions unit to a control device that meets the requirements specified in 40 CFR 63.1281(d). Subpart HHH. [40 CFR 63.1281(c)(1)]

648 Closed-vent system: Design and operate with no detectable emissions, as determined by 40 CFR 63.1282(b). Subpart HHH. [40 CFR 63.1281(c)(2)]

649 Closed-vent system (bypass device): Flow monitored by flow indicator periodically. The flow indicator must sound an alarm when the bypass device is open such that the stream is being, or could be, diverted away from the control device to the atmosphere Subpart HHH. [40 CFR 63.1281(c)(3)(i)(A)]
Which Months: All Year Statistical Basis: None specified

650 Closed-vent system (bypass device): Secure the bypass device valve installed at the inlet to the bypass device in the non-diverting position using a car-seal or a lock-and-key type configuration. Subpart HHH. [40 CFR 63.1281(c)(3)(i)(B)]

651 Total Organic Compounds (TOC) or HAP >= 95 % reduction by weight or <= 20 ppmv on a dry basis corrected to 3 percent oxygen, as determined in accordance with the requirements of 40 CFR 63.1282(d); or Residence time >= 0.5 seconds at a minimum temperature of 760 degrees C. Subpart HHH. [40 CFR 63.1281(d)(1)(i)]
Which Months: All Year Statistical Basis: None specified

652 Introduce vent stream into the flame zone. Subpart HHH. [40 CFR 63.1281(d)(1)(i)(D)]

653 Operate at all times when gases, vapors, and fumes are vented from the emissions unit or units through the closed-vent system to the control device, as required under 40 CFR 63.1275, except when maintenance or repair on a unit cannot be completed without a shutdown of the control device. Subpart HHH. [40 CFR 63.1281(d)(4)(i)]

654 Demonstrate compliance with the monitoring requirements of 40 CFR 63.1283(d) according to the requirements of 40 CFR 63.1282(e) or (f), as applicable. Subpart HHH. [40 CFR 63.1281(d)(4)(ii)]

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655 Demonstrate that the control device meets the requirements of 40 CFR 63.1281(d)(1) or (e)(3)(ii) by conducting a performance test. Use the test methods and procedures specified in 40 CFR 63.1282(d)(3)(i) through (d)(3)(iv). Submit the performance test results in the Notification of Compliance Status Report as required in 40 CFR 63.1285(d)(1)(ii). Subpart HHH. [40 CFR 63.1282(d)(3)]

656 Demonstrate that the control device meets the requirements of 40 CFR 63.1281(d)(1) or (e)(3)(ii) by conducting a design analysis meeting the requirements of 40 CFR 63.1282(d)(4)(i) and (d)(4)(ii). Submit documentation of the design analysis as a part of the Notification of Compliance Status Report as required in 40 CFR 63.1285(d)(1)(i). Subpart HHH. [40 CFR 63.1282(d)(4)]

657 Establish a site specific maximum or minimum monitoring parameter value (as appropriate) according to the requirements of 40 CFR 63.1283(d)(5)(i). Subpart HHH. [40 CFR 63.1282(e)(1)]

658 Calculate the daily average of the applicable monitored parameter in accordance with 40 CFR 63.1283(d)(4). Subpart HHH. [40 CFR 63.1282(e)(2)]

659 Closed-vent system (joints, seam, or other connections that are permanently or semi-permanently sealed): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the specified in 40 CFR 63.1282(b) to demonstrate that the closed-vent system operates with no detectable emissions. Submit inspection results with the Notification of Compliance Status Report as specified in 40 CFR 63.1285(d)(1) or (d)(2). Subpart HHH. [40 CFR 63.1283(c)(2)(i)(A)]
Which Months: All Year Statistical Basis: None specified

660 Closed-vent system (joints, seam, or other connections that are permanently or semi-permanently sealed): Equipment/operational data monitored by visual inspection/determination annually for defects that could result in air emissions. Submit inspection results in the Periodic Report as specified in 40 CFR 63.1285(e)(2)(iii). Subpart HHH. [40 CFR 63.1283(c)(2)(i)(B)]
Which Months: All Year Statistical Basis: None specified

661 Closed-vent system (joints, seam, or other connections that are permanently or semi-permanently sealed): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 upon each occurrence of component or connection repair or replacement or connection unsealing, to demonstrate that it operates with no detectable emissions. Use the procedures in 40 CFR 63.1282(b). Submit inspection results in the Periodic Report as specified in 40 CFR 63.1285(e)(2)(iii). Subpart HHH. [40 CFR 63.1283(c)(2)(i)(B)]
Which Months: All Year Statistical Basis: None specified

662 Closed-vent system (components other than those in 40 CFR 63.1283(c)(2)(i)): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures specified in 40 CFR 63.1282(b) to demonstrate that the closed-vent system operates with no detectable emissions. Submit inspection results with the Notification of Compliance Status Report as specified in 40 CFR 63.1285(d)(1) or (d)(2). Subpart HHH. [40 CFR 63.1283(c)(2)(ii)(A)]
Which Months: All Year Statistical Basis: None specified

663 Closed-vent system (components other than those in 40 CFR 63.1283(c)(2)(i)): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually according to the procedures specified in 40 CFR 63.1282(b) to demonstrate that the components or connections operate with no detectable emissions. Submit inspection results in the Periodic Report as specified in 40 CFR 63.1285(e)(2)(iii). Subpart HHH. [40 CFR 63.1283(c)(2)(ii)(B)]
Which Months: All Year Statistical Basis: None specified

664 Closed-vent system (components other than those in 40 CFR 63.1283(c)(2)(i)): Equipment/operational data monitored by visual inspection/determination annually for defects that could result in air emissions. Submit inspection results in the Periodic Report as specified in 40 CFR 63.1285(e)(2)(iii). Subpart HHH. [40 CFR 63.1283(c)(2)(ii)(C)]
Which Months: All Year Statistical Basis: None specified

665 Closed-vent system (bypass device): Flow monitored by flow indicator once every 15 minutes. Install the flow indicator at the inlet to the bypass device. Subpart HHH. [40 CFR 63.1283(c)(2)(iii)(A)]
Which Months: All Year Statistical Basis: None specified

666 Closed-vent system (bypass device): Seal or closure mechanism monitored by visual inspection/determination monthly to verify that the valve is maintained in the non-diverting position and the vent stream is not diverted through the bypass device. Subpart HHH. [40 CFR 63.1283(c)(2)(iii)(B)]
Which Months: All Year Statistical Basis: None specified

EQT003 Control Device - Enclosed Combustion Device

667 Closed-vent system: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.1283(c)(4). Subpart HHH. [40 CFR 63.1283(c)(3)]

668 Closed-vent system (unsafe-to-inspect): Determine that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 63.1283(c)(2)(i) or (c)(2)(ii). Subpart HHH. [40 CFR 63.1283(c)(5)(i)]

669 Cover (unsafe-to-inspect): Determine that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 63.1283(c)(2)(i) or (c)(2)(ii). Subpart HHH. [40 CFR 63.1283(c)(5)(i)]

670 Closed-vent system (unsafe-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times. Subpart HHH. [40 CFR 63.1283(c)(5)(ii)]
Which Months: All Year Statistical Basis: None specified

671 Cover (unsafe-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times. Subpart HHH. [40 CFR 63.1283(c)(5)(ii)]
Which Months: All Year Statistical Basis: None specified

672 Closed-vent system (difficult-to-inspect): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than two meters above a support surface. Subpart HHH. [40 CFR 63.1283(c)(6)(i)]

673 Cover (difficult-to-inspect): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than two meters above a support surface. Subpart HHH. [40 CFR 63.1283(c)(6)(i)]

674 Closed-vent system (difficult-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Subpart HHH. [40 CFR 63.1283(c)(6)(ii)]
Which Months: All Year Statistical Basis: None specified

675 Cover (difficult-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Subpart HHH. [40 CFR 63.1283(c)(6)(ii)]
Which Months: All Year Statistical Basis: None specified

676 Temperature monitored by temperature monitoring device continuously, as specified. Subpart HHH. [40 CFR 63.1283(d)(3)(i)(A)]
Which Months: All Year Statistical Basis: None specified

677 Temperature recordkeeping by electronic or hard copy continuously. Subpart HHH. [40 CFR 63.1283(d)(3)(i)(A)]

678 Temperature monitored by temperature monitoring device continuously, as specified. Subpart HHH. [40 CFR 63.1283(d)(3)(i)(B)]
Which Months: All Year Statistical Basis: None specified

679 Temperature recordkeeping by electronic or hard copy continuously. Subpart HHH. [40 CFR 63.1283(d)(3)(i)(B)]

680 Temperature monitored by temperature monitoring device continuously, as specified. Subpart HHH. [40 CFR 63.1283(d)(3)(i)(D)]
Which Months: All Year Statistical Basis: None specified

681 Temperature recordkeeping by electronic or hard copy continuously. Subpart HHH. [40 CFR 63.1283(d)(3)(i)(D)]

682 Organic compounds monitored by organic monitoring device continuously. Measure the concentration level in the exhaust vent stream from the control device, as specified. Subpart HHH. [40 CFR 63.1283(d)(3)(ii)]
Which Months: All Year Statistical Basis: None specified

683 Organic compounds recordkeeping by electronic or hard copy continuously. Record the concentration level in the exhaust vent stream from the control device, as specified. Subpart HHH. [40 CFR 63.1283(d)(3)(ii)]

684 Calculate the daily average value for each monitored operating parameter for each operating day using the data recorded by the monitoring system. Subpart HHH. [40 CFR 63.1283(d)(4)]

EQT003 Control Device - Enclosed Combustion Device

685 Establish a minimum operating parameter value or a maximum operating parameter value, as appropriate for the control device, to define the conditions at which the control device must be operated to continuously achieve the applicable performance requirements of 40 CFR 63.1281(d)(1) or 40 CFR 63.1281(e)(3)(ii). Establish operating parameter values as specified in 40 CFR 63.1283(d)(5)(i)(A) and (d)(5)(i)(B). Subpart HHH. [40 CFR 63.1283(d)(5)(i)]

686 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in 40 CFR 63.1284(b) through (e). Subpart HHH. [40 CFR 63.1284]

687 Design and operate in accordance with the requirements of 40 CFR 63.771(d). Subpart HH. [40 CFR 63.765(b)(1)(i)]

688 Outlet emissions: Benzene < 0.90 Mg/yr. Subpart HH. [40 CFR 63.765(b)(1)(ii)]
Which Months: All Year Statistical Basis: None specified

689 Design and operate in accordance with the requirements of 40 CFR 63.771(d), except that the performance levels specified in 40 CFR 63.771(d)(1)(i) and (ii) do not apply. Subpart HH. [40 CFR 63.765(b)(1)(ii)]

690 Closed-vent system: Design and operate in accordance with the requirements of 40 CFR 63.771(c). Subpart HH. [40 CFR 63.765(b)(1)]

691 Emissions to the atmosphere: HAP >= 95 % reduction. Subpart HH. [40 CFR 63.765(c)(2)]
Which Months: All Year Statistical Basis: None specified

692 Closed-vent system: Route all gases, vapors, and fumes emitted from the material in a HAP emissions unit to a control device that meets the requirements specified in 40 CFR 63.771(d). Subpart HH. [40 CFR 63.771(c)(1)]

693 Closed-vent system: Design and operate with no detectable emissions, as determined by 40 CFR 63.772(c). Subpart HH. [40 CFR 63.771(c)(2)]

694 Closed-vent system (bypass device): Flow monitored by flow indicator periodically. The flow indicator must sound an alarm when the bypass device is open such that the stream is being, or could be, diverted away from the control device to the atmosphere Subpart HH. [40 CFR 63.771(c)(3)(i)(A)]
Which Months: All Year Statistical Basis: None specified

695 Closed-vent system (bypass device): Secure the bypass device valve installed at the inlet to the bypass device in the non-diverting position using a car-seal or a lock-and-key type configuration. Subpart HH. [40 CFR 63.771(c)(3)(i)(B)]

696 Total Organic Compounds (TOC) or HAP >= 95 % reduction by weight or <= 20 ppmv on a dry basis corrected to 3 percent oxygen, as determined in accordance with the requirements of 40 CFR 63.772(e); or Residence time >= 0.5 seconds at a minimum temperature of 760 degrees C. Subpart HH. [40 CFR 63.771(d)(1)(i)]
Which Months: All Year Statistical Basis: None specified

697 Introduce vent stream into the flame zone. Subpart HH. [40 CFR 63.771(d)(1)(i)(D)]

698 Operate at all times when gases, vapors, and fumes are vented from the HAP emissions unit or units through the closed-vent system to the control device, as required under 40 CFR 63.765, 40 CFR 63.766, and 40 CFR 63.769, except when maintenance or repair on a unit cannot be completed without a shutdown of the control device. Subpart HH. [40 CFR 63.771(d)(4)(i)]

699 Demonstrate compliance with the monitoring requirements of 40 CFR 63.773(d) according to the requirements of 40 CFR 63.772(f) or (g), as applicable. Subpart HH. [40 CFR 63.771(d)(4)(ii)]

700 Demonstrate that the control device meets the requirements of 40 CFR 63.771(d)(1) or (e)(3)(ii) by conducting a performance test. Use the test methods and procedures specified in 40 CFR 63.772(e)(3)(i) through (e)(3)(iv). Submit the performance test results in the Notification of Compliance Status Report as required in 40 CFR 63.775(d)(1)(ii). Subpart HH. [40 CFR 63.772(e)(3)]

701 Demonstrate that the control device meets the requirements of 40 CFR 63.771(d)(1) or (e)(3)(ii) by conducting a design analysis meeting the requirements of 40 CFR 63.772(e)(4)(i) and (e)(4)(ii). Submit documentation of the design analysis as a part of the Notification of Compliance Status Report as required in 40 CFR 63.775(d)(1)(i). Subpart HH. [40 CFR 63.772(e)(4)]

702 Establish a site specific maximum or minimum monitoring parameter value (as appropriate) according to the requirements of 40 CFR 63.773(d)(5)(i). Subpart HH. [40 CFR 63.772(f)(1)]

EQT003 Control Device - Enclosed Combustion Device

703 Calculate the daily average of the applicable monitored parameter in accordance with 40 CFR 63.773(d)(4). Subpart HH. [40 CFR 63.772(f)(2)]

704 Closed-vent system (joints, seams, or other connections that are permanently or semi-permanently sealed): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures specified in 40 CFR 63.772(c) to demonstrate that the closed-vent system operates with no detectable emissions. Submit inspection results with the Notification of Compliance Status Report as specified in 40 CFR 63.775(d)(1) or (d)(2). Subpart HH. [40 CFR 63.773(c)(2)(i)(A)]
Which Months: All Year Statistical Basis: None specified

705 Closed-vent system (joints, seams, or other connections that are permanently or semi-permanently sealed): Equipment/operational data monitored by visual inspection/determination annually for defects that could result in air emissions. Submit the inspection results in the Periodic Report as specified in 40 CFR 63.775(e)(2)(iii). Subpart HH. [40 CFR 63.773(c)(2)(i)(B)]
Which Months: All Year Statistical Basis: None specified

706 Closed-vent system (joints, seams, or other connections that are permanently or semi-permanently sealed): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 upon each occurrence of component repair or replacement or connection unsealing, to demonstrate that it operates with no detectable emissions. Use the procedures in 40 CFR 63.772(c). Submit the inspection results in the Periodic Report as specified in 40 CFR 63.775(e)(2)(iii). Subpart HH. [40 CFR 63.773(c)(2)(i)(B)]
Which Months: All Year Statistical Basis: None specified

707 Closed-vent system (components other than those in 40 CFR 63.773(c)(2)(1)): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures specified in 40 CFR 63.772(c) to demonstrate that the closed-vent system operates with no detectable emissions. Submit inspection results with the Notification of Compliance Status Report as specified in 40 CFR 63.775(d)(1) or (d)(2). Subpart HH. [40 CFR 63.773(c)(2)(ii)(A)]
Which Months: All Year Statistical Basis: None specified

708 Closed-vent system (components other than those in 40 CFR 63.773(c)(2)(1)): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually according to the procedures specified in 40 CFR 63.772(c) to demonstrate that the components or connections operate with no detectable emissions. Submit the inspection results in the Periodic Report as specified in 40 CFR 63.775(e)(2)(iii). Subpart HH. [40 CFR 63.773(c)(2)(ii)(B)]
Which Months: All Year Statistical Basis: None specified

709 Closed-vent system (components other than those in 40 CFR 63.773(c)(2)(1)): Equipment/operational data monitored by visual inspection/determination annually for defects that could result in air emissions. Submit the inspection results in the Periodic Report as specified in 40 CFR 63.775(e)(2)(iii). Subpart HH. [40 CFR 63.773(c)(2)(ii)(C)]
Which Months: All Year Statistical Basis: None specified

710 Closed-vent system (bypass device): Flow monitored by flow indicator once every 15 minutes. Install the flow indicator at the inlet to the bypass device. Subpart HH. [40 CFR 63.773(c)(2)(iv)(A)]
Which Months: All Year Statistical Basis: None specified

711 Closed-vent system (bypass device): Seal or closure mechanism monitored by visual inspection/determination monthly to verify that the valve is maintained in the non-diverting position and the vent stream is not diverted through the bypass device. Subpart HH. [40 CFR 63.773(c)(2)(iv)(B)]
Which Months: All Year Statistical Basis: None specified

712 Closed-vent system: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.773(c)(4). Subpart HH. [40 CFR 63.773(c)(3)]

713 Closed-vent system (unsafe-to-inspect): Determine that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 63.773(c)(2)(i), (ii), or (iii). Subpart HH. [40 CFR 63.773(c)(5)(i)]

714 Closed-vent system (unsafe-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times. Subpart HH. [40 CFR 63.773(c)(5)(ii)]
Which Months: All Year Statistical Basis: None specified

715 Closed-vent system (difficult-to-inspect): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than 2 meters above a support surface. Subpart HH. [40 CFR 63.773(c)(6)(i)]

EQT003 Control Device - Enclosed Combustion Device

716 Closed-vent system (difficult-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Subpart HH. [40 CFR 63.773(c)(6)(ii)]

717 Ensure that the continuous monitoring system used to comply with 40 CFR 63.773(d)(3) through (d)(9) is designed and operated so that a determination can be made on whether the control device is achieving the applicable performance requirements of 40 CFR 63.771(d) or (e)(3). Subpart HH. [40 CFR 63.773(d)(1)]

718 Temperature monitored by temperature monitoring device continuously, as specified. Subpart HH. [40 CFR 63.773(d)(3)(i)(A)]
Which Months: All Year Statistical Basis: None specified

719 Temperature recordkeeping by electronic or hard copy continuously. Subpart HH. [40 CFR 63.773(d)(3)(i)(A)]

720 Temperature monitored by temperature monitoring device continuously, as specified. Subpart HH. [40 CFR 63.773(d)(3)(i)(B)]
Which Months: All Year Statistical Basis: None specified

721 Temperature recordkeeping by electronic or hard copy continuously. Subpart HH. [40 CFR 63.773(d)(3)(i)(B)]

722 Temperature monitored by temperature monitoring device continuously, as specified. Subpart HH. [40 CFR 63.773(d)(3)(i)(D)]
Which Months: All Year Statistical Basis: None specified

723 Temperature recordkeeping by electronic or hard copy continuously. Subpart HH. [40 CFR 63.773(d)(3)(i)(D)]

724 Organic compounds monitored by organic monitoring device continuously. Measure the concentration level in the exhaust vent stream from the control device, as specified. Subpart HH. [40 CFR 63.773(d)(3)(ii)]
Which Months: All Year Statistical Basis: None specified

725 Organic compounds recordkeeping by electronic or hard copy continuously. Record the concentration level in the exhaust vent stream from the control device, as specified. Subpart HH. [40 CFR 63.773(d)(3)(ii)]

726 Calculate the daily average value for each monitored operating parameter for each operating day using the data recorded by the monitoring system. Subpart HH. [40 CFR 63.773(d)(4)]

727 Establish a minimum operating parameter value or a maximum operating parameter value, as appropriate for the control device, to define the conditions at which the control device must be operated to continuously achieve the applicable performance requirements of 40 CFR 63.771(d)(1) or 40 CFR 63.771(e)(3)(ii). Establish operating parameter values as specified in 40 CFR 63.773(d)(5)(i)(A) and (d)(5)(i)(B). Subpart HH. [40 CFR 63.773(d)(5)(i)]

728 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in 40 CFR 63.774(b) through (e). Subpart HH. [40 CFR 63.774]

EQT004 Control Device - Other

729 Nonhalogenated hydrocarbon burning: Temperature >= 1300 F (704 degrees C) for 0.3 second or greater in a direct-flame afterburner or an equally effective device which achieves a removal efficiency of 95 percent or greater, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 50 ppm by volume, whichever is less stringent. [LAC 33:III.2115.A]
Which Months: All Year Statistical Basis: None specified

730 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.B]
Which Months: All Year Statistical Basis: None specified

EQT004 Control Device - Other

731 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.C]
Which Months: All Year Statistical Basis: None specified

732 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.D]
Which Months: All Year Statistical Basis: None specified

733 VOC, Total <= 0.12 kg/1000 kg of product from the material recovery section. [LAC 33:III.2115.E]
Which Months: All Year Statistical Basis: None specified

734 Halogenated hydrocarbons, total >= 95 % removal efficiency as determined in accordance with LAC 33:III.2115.J.1, by combustion or other methods specified in LAC 33:III.2115.G. If combusted, reduce the halogenated products of combustion to an emission level acceptable to DEQ. [LAC 33:III.2115.F]
Which Months: All Year Statistical Basis: None specified

735 Determine compliance with LAC 33:III.2115.A through G by applying the test methods specified in LAC 33:III.2115.I.1 through 5, as appropriate. [LAC 33:III.2115.I]

736 Demonstrate compliance with LAC 33:III.2115 as requested by DEQ. [LAC 33:III.2115.J.1]

737 Install and maintain monitors to accurately measure and record operational parameters of all required control devices as necessary to ensure the proper functioning of those devices in accordance with design specifications. Monitor and record at a minimum the parameters listed in LAC 33:III.2115.J.2.a through e. [LAC 33:III.2115.J.2]

738 Comply with LAC 33:III.2115 as soon as practicable but in no event later than August 20, 2003. Comply with the requirements of LAC 33:III.2115 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2115 as a result of a revision of LAC 33:III.2115. [LAC 33:III.2115.J]

739 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.2115.K.1 through K.3. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

740 Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

741 Ratio >= 0.75 (no units). [LAC 33:III.2125.A.3.c.i]
Which Months: All Year Statistical Basis: None specified

742 VOC, Total >= 85 % reduction. [LAC 33:III.2125.A.3.c.ii]
Which Months: All Year Statistical Basis: None specified

743 VOC, Total >= 85 % reduction. [LAC 33:III.2125.B.8.a.i]
Which Months: All Year Statistical Basis: None specified

744 Ratio >= 0.7 (no units). [LAC 33:III.2125.C.1.a]
Which Months: All Year Statistical Basis: None specified

745 Demonstrate compliance with LAC 33:III.2125 by applying the test methods specified in LAC 33:III.2125.E.1 through E.4, as applicable. [LAC 33:III.2125.E]

746 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the amount and type of solvent purchased each month; the amount and type of waste solvent disposed of each month; records of control equipment maintenance, such as replacement of the carbon in a carbon adsorption unit, when applicable; and results of all tests conducted in accordance with the requirements described in LAC 33:III.2125.E. Maintain records at the facility for at least two years. [LAC 33:III.2125.F]

EQT004 Control Device - Other

747 Achieve compliance with LAC 33:III.2125 as expeditiously as possible but in no event later than one year after becoming an affected facility. [LAC 33:III.2125.G]

748 Equipment/operational data <=_ appropriate units. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

749 Equipment/operational data monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

750 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total xxxxxxxxxxxxxxxxxxxxxx each month, as well as the total xxxxxxxxxxxxxxxx for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

751 Submit report: Due annually, by the 31st of March. Report the xxxxxxxxxxxxxxxxxx for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

752 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]

753 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]

754 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]

755 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]

756 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]

757 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]

758 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]

759 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]

760 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

761 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]

762 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]

763 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]

764 Achieve compliance with the provisions of 40 CFR 63 Subpart T immediately upon start-up or by December 2, 1994, whichever is later. Subpart T. [40 CFR 63.460(c)]

765 Achieve compliance with the provisions of 40 CFR 63 Subpart T no later than December 2, 1997. Subpart T. [40 CFR 63.460(d)]

766 Air blanket (chilled): Temperature <= 30 percent of the solvent's boiling point. Measure the temperature at the center of the air blanket in degrees F. Subpart T. [40 CFR 63.463(e)(2)(i)]
Which Months: All Year Statistical Basis: None specified

EQT004 Control Device - Other

767 Air Flow <= 50 ft/min (15.2 m/min) at any time as measured using the procedures in 40 CFR 63.466(d). Measure the flow or movement of air across the top of the freeboard area of the solvent cleaning machine or within the solvent cleaning machine enclosure. Subpart T. [40 CFR 63.463(e)(2)(ii)(A)]
Which Months: All Year Statistical Basis: None specified

768 Establish and maintain the operating conditions under which the wind speed was demonstrated to be 15.2 meters per minute (50 feet per minute) or less as described in 40 CFR 63.466(d). Subpart T. [40 CFR 63.463(e)(2)(ii)(B)]

769 Ensure that the cover opens only for part entrance and removal and completely covers the cleaning machine openings when closed. Subpart T. [40 CFR 63.463(e)(2)(iii)(A)]

770 Ensure that the cover is maintained free of cracks, holes, and other defects. Subpart T. [40 CFR 63.463(e)(2)(iii)(B)]

771 Ensure that the cover is in place whenever parts are not in the solvent cleaning machine and completely covers the cleaning machine openings when in place. Subpart T. [40 CFR 63.463(e)(2)(iv)(A)]

772 Ensure that the cover is maintained free of cracks, holes, and other defects. Subpart T. [40 CFR 63.463(e)(2)(iv)(B)]

773 Determine the appropriate maximum product throughput for the squeegees used in the squeegee system, as described in 40 CFR 63.465(f). Subpart T. [40 CFR 63.463(e)(2)(ix)(A)]

774 Conduct the weekly monitoring required by 40 CFR 63.466(a)(3). Record the results required by 40 CFR 63.467(a)(6). Subpart T. [40 CFR 63.463(e)(2)(ix)(B)]

775 Calculate the total amount of continuous web product processed since the squeegees were replaced and compare to the maximum product throughput for the squeegees. Subpart T. [40 CFR 63.463(e)(2)(ix)(C)]

776 Ensure squeegees are replaced at or before the maximum product throughput is attained. Subpart T. [40 CFR 63.463(e)(2)(ix)(D)]

777 Redetermine the maximum product throughput for the squeegees if any solvent film is visible on the continuous web part immediately after it exits the cleaning machine. Subpart T. [40 CFR 63.463(e)(2)(ix)(E)]

778 Determine the appropriate dwell time for each type of part or parts basket, or determine the maximum dwell time using the most complex part type or parts basket, as described in 40 CFR 63.465(d). Subpart T. [40 CFR 63.463(e)(2)(v)(A)]

779 Ensure that, after cleaning, each part is held in the solvent cleaning machine freeboard area above the vapor zone for the dwell time determined for that particular part or parts basket, or for the maximum dwell time determined using the most complex part type or parts basket. Subpart T. [40 CFR 63.463(e)(2)(v)(B)]

780 Solvent vapor: Temperature >= 10 F above the solvent's boiling point, at the center of the superheated vapor zone. Subpart T. [40 CFR 63.463(e)(2)(vi)(A)]
Which Months: All Year Statistical Basis: None specified

781 Ensure that the manufacturer's specifications for determining the minimum proper dwell time within the superheated vapor system is followed. Subpart T. [40 CFR 63.463(e)(2)(vi)(B)]

782 Ensure that parts remain within the superheated vapor for at least the minimum proper dwell time. Subpart T. [40 CFR 63.463(e)(2)(vi)(C)]

783 Temperature >= 10 F above the solvent boiling point while the part is traveling through the cleaning machine. Subpart T. [40 CFR 63.463(e)(2)(viii)]
Which Months: All Year Statistical Basis: None specified

784 Determine the system parameter and value that demonstrates that the system is properly operating. Subpart T. [40 CFR 63.463(e)(2)(x)(A)]

785 Maintain the selected parameter value at the level determined in 40 CFR 63.463(a). Subpart T. [40 CFR 63.463(e)(2)(x)(B)]

786 Conduct the weekly monitoring required by 40 CFR 63.466(a)(3). Subpart T. [40 CFR 63.463(e)(2)(x)(C)]

787 Redetermine the proper parameter value if any solvent film is visible on the continuous web part immediately after it exits the cleaning machine. Subpart T. [40 CFR 63.463(e)(2)(x)(D)]

788 Determine the system parameter and value that demonstrates that the system is properly operating. Subpart T. [40 CFR 63.463(e)(2)(xi)(A)]

789 Maintain the selected parameter value at the level determined in 40 CFR 63.463(a). Subpart T. [40 CFR 63.463(e)(2)(xi)(B)]

790 Conduct the weekly monitoring required by 40 CFR 63.466(a)(3). Subpart T. [40 CFR 63.463(e)(2)(xi)(C)]

EQT004 Control Device - Other

791 Redetermine the proper parameter value if any solvent film is visible on the continuous web part immediately after it exits the cleaning machine. Subpart T. [40 CFR 63.463(e)(2)(xi)(D)]

792 Determine whether an exceedance has occurred using the criteria in 40 CFR 63.463(e)(3)(i) and (e)(3)(ii), if any of the requirements of 40 CFR 63.463(e)(2) are not met. Subpart T. [40 CFR 63.463(e)(3)]

793 Temperature monitored by temperature monitoring device weekly. Monitor the temperature at the center of the air blanket during the idling mode. A thermocouple may also be used to measure the temperature. Subpart T. [40 CFR 63.466(a)(1)]
Which Months: All Year Statistical Basis: None specified

794 Temperature recordkeeping by electronic or hard copy weekly. Subpart T. [40 CFR 63.466(a)(1)]

795 Temperature monitored by temperature monitoring device weekly. Monitor the temperature at the center of the superheated solvent vapor zone while the solvent cleaning machine is in the idling mode. A thermocouple may also be used measure the temperature. Subpart T. [40 CFR 63.466(a)(2)]
Which Months: All Year Statistical Basis: None specified

796 Temperature recordkeeping by electronic or hard copy weekly. Subpart T. [40 CFR 63.466(a)(2)]

797 Equipment/operational data monitored by visual inspection/determination weekly. Inspect the continuous web part exiting the solvent cleaning machine to ensure that no solvent film is visible on the part. Subpart T. [40 CFR 63.466(a)(3)]
Which Months: All Year Statistical Basis: None specified

798 Equipment/operational data recordkeeping by electronic or hard copy weekly. Subpart T. [40 CFR 63.466(a)(3)]

799 Equipment/operational data monitored by visual inspection/determination weekly. Inspect the continuous web part exiting the solvent cleaning machine to ensure that no solvent film is visible on the part. Subpart T. [40 CFR 63.466(a)(3)]
Which Months: All Year Statistical Basis: None specified

800 Equipment/operational data recordkeeping by electronic or hard copy weekly. Subpart T. [40 CFR 63.466(a)(3)]

801 Equipment/operational data monitored by visual inspection/determination weekly. Inspect the continuous web part exiting the solvent cleaning machine to ensure that no solvent film is visible on the part. Subpart T. [40 CFR 63.466(a)(3)]
Which Months: All Year Statistical Basis: None specified

802 Equipment/operational data recordkeeping by electronic or hard copy weekly. Subpart T. [40 CFR 63.466(a)(3)]

803 Temperature monitored by temperature monitoring device weekly. Monitor the temperature of the continuous web part while it is in the solvent cleaning machine. Temperature measurement can also be taken at the exit of the solvent cleaning machine. A thermocouple may also be used to measure the temperature. Subpart T. [40 CFR 63.466(a)(4)]
Which Months: All Year Statistical Basis: None specified

804 Temperature recordkeeping by electronic or hard copy weekly. Subpart T. [40 CFR 63.466(a)(4)]

805 Provide data that demonstrates that the part temperature remains above the boiling point of the solvent at all times that the part is within the continuous web solvent cleaning machine. Subpart T. [40 CFR 63.466(a)(5)]

806 Equipment/operational data monitored by visual inspection/determination monthly. Inspect the cover to determine if it is opening and closing properly, completely covers the cleaning machine openings when closed, and is free of cracks, holes, and other defects. Subpart T. [40 CFR 63.466(b)(1)]
Which Months: All Year Statistical Basis: None specified

807 Equipment/operational data recordkeeping by electronic or hard copy monthly. Subpart T. [40 CFR 63.466(b)(1)]

808 Equipment/operational data monitored by technically sound method monthly. Determine the actual dwell time by measuring the period of time that parts are held within the freeboard area of the solvent cleaning machine after cleaning. Subpart T. [40 CFR 63.466(b)(2)]
Which Months: All Year Statistical Basis: None specified

809 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the actual dwell time. Subpart T. [40 CFR 63.466(b)(2)]

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810 VOC, Total >= 95 % control efficiency. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year. [LAC 33:III.2103.E.1]
Which Months: All Year Statistical Basis: None specified

811 VOC, Total >= 90 % control efficiency. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year. [LAC 33:III.2103.E.2]
Which Months: All Year Statistical Basis: None specified

812 Determine compliance with LAC 33:III.2103.E using the methods in LAC 33:III.2103.H.2.a-e, where appropriate. [LAC 33:III.2103.H.2]

813 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]

814 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]

815 Flash gas: VOC, Total >= 95 % reduction. [LAC 33:III.2104.C.1]
Which Months: All Year Statistical Basis: None specified

816 Flash gas: VOC, Total >= 95 % reduction. [LAC 33:III.2104.C.2]
Which Months: All Year Statistical Basis: None specified

817 Flash gas (potential to emit): VOC, Total < 25 tons/yr. [LAC 33:III.2104.C.2]
Which Months: All Year Statistical Basis: None specified

818 Flash gas: VOC, Total >= 95 % reduction. [LAC 33:III.2104.C.3]
Which Months: All Year Statistical Basis: None specified

819 Flash gas (potential to emit): VOC, Total < 50 tons/yr. [LAC 33:III.2104.C.3]
Which Months: All Year Statistical Basis: None specified

820 Flash gas: VOC, Total >= 95 % reduction. [LAC 33:III.2104.C.4]
Which Months: All Year Statistical Basis: None specified

821 Flash gas (potential to emit): VOC, Total < 100 tons/yr. [LAC 33:III.2104.C.4]
Which Months: All Year Statistical Basis: None specified

822 Achieve compliance by the appropriate date specified in LAC 33:III.2104.E. Comply with the requirements of LAC 33:III.2104 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2104 as a result of a revision to LAC 33:III.2104. [LAC 33:III.2104.E]

823 Determine compliance with LAC 33:III.2104.C using the methods in LAC 33:III.2104.F.2.a-e, as appropriate. [LAC 33:III.2104.F.2]

824 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2104.G.2.b.i and ii and G.4. [LAC 33:III.2104.G]

825 VOC, Total >= 90 % DRE. [LAC 33:III.2107.B]
Which Months: All Year Statistical Basis: None specified

826 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2107.D.3-4. [LAC 33:III.2107.D]

827 Determine compliance with LAC 33:III.2107.B using the methods in LAC 33:III.2107.E.1 through 5, as appropriate. [LAC 33:III.2107.E]

828 VOC, Total >= 90 % reduction by weight. [LAC 33:III.2108.C.2]
Which Months: All Year Statistical Basis: None specified

829 Determine compliance with LAC 33:III.2108.C.3 using the methods in LAC 33:III.2108.E.1-5, as appropriate. [LAC 33:III.2108.E]

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830 Submit test results: Due to the Office of Environmental Assessment, Environmental Technology Division within 45 days of any testing done in accordance with LAC 33:III.2108.E. [LAC 33:III.2108.F.1]

831 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2108.F.2.a-e. [LAC 33:III.2108.F.2]

832 Nonhalogenated hydrocarbon burning: Temperature >= 1300 F (704 degrees C) for 0.3 second or greater in a direct-flame afterburner or an equally effective device which achieves a removal efficiency of 95 percent or greater, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 50 ppm by volume, whichever is less stringent. [LAC 33:III.2115.A]
Which Months: All Year Statistical Basis: None specified

833 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.B]
Which Months: All Year Statistical Basis: None specified

834 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.C]
Which Months: All Year Statistical Basis: None specified

835 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.D]
Which Months: All Year Statistical Basis: None specified

836 VOC, Total <= 0.12 kg/1000 kg of product from the material recovery section. [LAC 33:III.2115.E]
Which Months: All Year Statistical Basis: None specified

837 Halogenated hydrocarbons, total >= 95 % removal efficiency as determined in accordance with LAC 33:III.2115.J.1, by combustion or other methods specified in LAC 33:III.2115.G. If combusted, reduce the halogenated products of combustion to an emission level acceptable to DEQ. [LAC 33:III.2115.F]
Which Months: All Year Statistical Basis: None specified

838 Determine compliance with LAC 33:III.2115.A through G by applying the test methods specified in LAC 33:III.2115.I.1 through 5, as appropriate. [LAC 33:III.2115.I]

839 Demonstrate compliance with LAC 33:III.2115 as requested by DEQ. [LAC 33:III.2115.J.1]

840 Install and maintain monitors to accurately measure and record operational parameters of all required control devices as necessary to ensure the proper functioning of those devices in accordance with design specifications. Monitor and record at a minimum the parameters listed in LAC 33:III.2115.J.2.a through e. [LAC 33:III.2115.J.2]

841 Comply with LAC 33:III.2115 as soon as practicable but in no event later than August 20, 2003. Comply with the requirements of LAC 33:III.2115 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2115 as a result of a revision of LAC 33:III.2115. [LAC 33:III.2115.J]

842 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.2115.K.1 through K.3. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

843 Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

844 VOC, Total >= 70 % reduction. Demonstrate percent reduction using the methods found in LAC 33:III.2116.D. [LAC 33:III.2116.B.1.a]
Which Months: All Year Statistical Basis: None specified

EQT005 Control Device - Vapor Recovery System

845 Final exhaust: Temperature < 110 F. [LAC 33:III.2116.B.1.b]
Which Months: All Year Statistical Basis: Annual average

846 VOC, Total >= 85 % reduction. Demonstrate percent reduction using the methods found in LAC 33:III.2116.D. [LAC 33:III.2116.B.2]
Which Months: All Year Statistical Basis: None specified

847 Determine compliance with LAC 33:III.2116.B using the methods in LAC 33:III.2116.D.1-5, as appropriate. [LAC 33:III.2116.D]

848 Temperature recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2116.F.3.a and b. [LAC 33:III.2116.F.3]

849 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of the information specified in LAC 33:III.2116.F.1 and 2. [LAC 33:III.2116.F]

850 Ventilation: Equipment/operational data >= 50 ft^3/min/ft^2 (actual) (15m^3/min/m^2) of air/vapor area (when the cover is open) and exhausting less than 25 ppm of solvent by volume averaged over one complete adsorption cycle. [LAC 33:III.2125.A.3.c.iv]
Which Months: All Year Statistical Basis: None specified

851 Ventilation: Equipment/operational data >= 50 ft^3/min/ft^2 (actual) (15m^3/min/m^2) of air/vapor area (when down-time covers is open) and exhausting less than 25 ppm of solvent by volume averaged over one complete adsorption cycle. [LAC 33:III.2125.B.8.a.ii]
Which Months: All Year Statistical Basis: None specified

852 Demonstrate compliance with LAC 33:III.2125 by applying the test methods specified in LAC 33:III.2125.E.1 through E.4, as applicable. [LAC 33:III.2125.E]

853 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the amount and type of solvent purchased each month; the amount and type of waste solvent disposed of each month; records of control equipment maintenance, such as replacement of the carbon in a carbon adsorption unit, when applicable; and results of all tests conducted in accordance with the requirements described in LAC 33:III.2125.E. Maintain records at the facility for at least two years. [LAC 33:III.2125.F]

854 Achieve compliance with LAC 33:III.2125 as expeditiously as possible but in no event later than one year after becoming an affected facility. [LAC 33:III.2125.G]

855 Equipment/operational data <=_ appropriate units. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

856 Equipment/operational data monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

857 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total xxxxxxxxxxxxxxxxxxxxxx each month, as well as the total xxxxxxxxxxxxxxxx for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

858 Submit report: Due annually, by the 31st of March. Report the xxxxxxxxxxxxxxxxxx for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

859 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]

860 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]

861 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]

862 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]

EQT005 Control Device - Vapor Recovery System

863 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]

864 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]

865 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]

866 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]

867 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

868 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]

869 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]

870 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]

871 Vapor recovery system: Collect all VOC vapors and gases discharged from the storage vessel and route to a vapor return or disposal system to process such VOC vapors and gases. Subpart Ka. [40 CFR 60.112a(a)(3)]

872 Vapor return or disposal system: VOC, Total >= 95 % reduction by weight for VOC vapors and gases processed from the vapor recovery system. Subpart Ka. [40 CFR 60.112a(a)(3)]
Which Months: All Year Statistical Basis: None specified

873 Vapor recovery system: Collect all VOC vapors and gases discharged by the storage vessel and route to a vapor return or disposal system to process such VOC vapors and gases. Subpart Ka. [40 CFR 60.112a(b)]

874 Vapor return or disposal system: VOC, Total >= 95 % reduction by weight for VOC vapors and gases processed from the vapor recovery system. Subpart Ka. [40 CFR 60.112a(b)]
Which Months: All Year Statistical Basis: None specified

875 Closed vent system: Design to collect all VOC vapors and gases discharged from the storage vessel. Subpart Kb. [40 CFR 60.112b(a)(3)(i)]

876 Closed vent system (no detectable emissions): VOC, Total < 500 ppm above background as indicated by instrument readings and visual inspections, as determined in Subpart VV, 40 CFR 60.485(c). Subpart Kb. [40 CFR 60.112b(a)(3)(i)]
Which Months: All Year Statistical Basis: None specified

877 VOC, Total >= 95 % reduction efficiency. Subpart Kb. [40 CFR 60.112b(a)(3)(ii)]
Which Months: All Year Statistical Basis: None specified

878 Submit information: Due to DEQ by the date on which construction of the storage vessel commences. Provide the information specified in 40 CFR 60.113a(a)(2)(i) through (iv). Subpart Ka. [40 CFR 60.113a(a)(2)]

879 Submit an operating plan as an attachment to the notification required by 40 CFR 60.7(a)(1) or, if the facility is exempt from 40 CFR 60.7(a)(1), as an attachment to the notification required by 40 CFR 60.7(a)(2), for approval by DEQ. The operating plan shall contain the information listed in 40 CFR 60.113b(c)(1)(i) and (ii). Subpart Kb. [40 CFR 60.113b(c)(1)]

880 Operate the closed vent system and control device in accordance with the operating plan submitted to DEQ in accordance with 40 CFR 60.113b(c)(1) of this section, unless the plan was modified by DEQ during the review process. In this case, the modified plan applies. Subpart Kb. [40 CFR 60.113b(c)(2)]

EQT005 Control Device - Vapor Recovery System

881 Equipment/operational data monitored by the regulation's specified method(s) at the regulation's specified frequency. Monitor the parameters of the closed vent system and control device in accordance with the operating plan submitted to DEQ in accordance with 40 CFR 60.113b(c)(1) of this section, unless the plan was modified by DEQ during the review process. In this case, the modified plan applies. Subpart Kb. [40 CFR 60.113b(c)(2)]
Which Months: All Year Statistical Basis: None specified

882 Operating plan recordkeeping by electronic or hard copy continuously. Keep copies of all records for the life of the control equipment. Subpart Kb. [40 CFR 60.115b(c)(1)]

883 Monitoring data recordkeeping by electronic or hard copy upon measurement in accordance with the operating plan of 40 CFR 60.113b(c)(2). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(c)(2)]

884 VOC, Total >= 95 % recovery efficiency, or to an exit concentration <= 20 ppmv, whichever is less stringent. Subpart VV. [40 CFR 60.482-10(b)]
Which Months: All Year Statistical Basis: None specified

885 Monitor control devices to ensure that they are operated and maintained in conformance with their designs using the method specified in 40 CFR 60.485(c). Subpart VV. [40 CFR 60.482-10(e)]

886 Vapor collection systems or closed vent systems (hard-piping): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures in 40 CFR 60.485(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 60.482-10(g). Subpart VV. [40 CFR 60.482-10(f)(1)(i)]
Which Months: All Year Statistical Basis: None specified

887 Vapor collection systems or closed vent systems (hard-piping): Presence of a leak monitored by visual inspection/determination annually for visible, audible, or olfactory indications of leaks. If a leak is detected, initiate repair provisions specified in 40 CFR 60.482-10(g). Subpart VV. [40 CFR 60.482-10(f)(1)(ii)]
Which Months: All Year Statistical Basis: None specified

888 Vapor collection systems or closed vent systems (ductwork): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures in 40 CFR 60.485(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 60.482-10(g). Subpart VV. [40 CFR 60.482-10(f)(2)(i)]
Which Months: All Year Statistical Basis: None specified

889 Vapor collection systems or closed vent systems (ductwork): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually according to the procedures in 40 CFR 60.485(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 60.482-10(g). Subpart VV. [40 CFR 60.482-10(f)(2)(ii)]
Which Months: All Year Statistical Basis: None specified

890 When a leak is detected, make a first attempt at repair no later than 5 calendar days after each leak is detected and complete repairs no later than 15 calendar days after it is detected, except as provided in 40 CFR 60.482-10(h). Subpart VV. [40 CFR 60.482-10(g)]

891 Closed-vent system (unsafe-to-inspect): Determine that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 60.482-10(f)(1)(i) or (f)(2). Subpart VV. [40 CFR 60.482-10(j)(1)]

892 Closed-vent system (unsafe-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Adhere to a written plan that requires inspection of the equipment as frequently as practicable during safe to monitor times. Subpart VV. [40 CFR 60.482-10(j)(2)]
Which Months: All Year Statistical Basis: None specified

893 Closed-vent system (difficult-to-inspect): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than 2 meters above a support surface. Subpart VV. [40 CFR 60.482-10(k)(1)]

894 Closed-vent system (difficult-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Adhere to a written plan that requires inspection of the equipment at least once every five years. Subpart VV. [40 CFR 60.482-10(k)(3)]
Which Months: All Year Statistical Basis: None specified

EQT005 Control Device - Vapor Recovery System

895 Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection. Record the inspection information specified in 40 CFR 60.482-10(l). Subpart VV. [40 CFR 60.482-10(l)]

896 Ensure that the closed-vent system or control device is operating whenever emissions are vented to the closed-vent system or control device. Subpart VV. [40 CFR 60.482-10(m)]

897 VOC, Total >= 95 % recovery efficiency or exit concentration <= 20 ppmv, whichever is less stringent. Subpart V. [40 CFR 61.242-11(b)]
Which Months: All Year Statistical Basis: None specified

898 Monitor control devices to ensure that they are operated and maintained in conformance with their design. Subpart V. [40 CFR 61.242-11(e)]

899 Closed-vent systems (hard-piping): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially. If an instrument reading greater than 500 ppmv above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 61.242-11(g). Subpart V. [40 CFR 61.242-11(f)(1)(i)]
Which Months: All Year Statistical Basis: None specified

900 Closed-vent systems (hard-piping): Presence of a leak monitored by visual inspection/determination annually. If a leak is detected, initiate repair provisions in 40 CFR 61.242-11(g). Subpart V. [40 CFR 61.242-11(f)(1)(ii)]
Which Months: All Year Statistical Basis: None specified

901 Closed-vent systems (ductwork): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially. If an instrument reading greater than 500 ppmv above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 61.242-11(g). Subpart V. [40 CFR 61.242-11(f)(2)(i)]
Which Months: All Year Statistical Basis: None specified

902 Closed-vent systems (ductwork): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually. If an instrument reading greater than 500 ppmv above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 61.242-11(g). Subpart V. [40 CFR 61.242-11(f)(2)(ii)]
Which Months: All Year Statistical Basis: None specified

903 Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after a leak is detected. Subpart V. [40 CFR 61.242-11(g)]

904 Closed-vent systems (unsafe-to-inspect): Determine that the equipment is unsafe-to-inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 61.242-11(f)(1)(i) or (f)(2). Subpart V. [40 CFR 61.242-11(j)(1)]

905 Closed-vent systems (unsafe-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times. Subpart V. [40 CFR 61.242-11(j)(2)]
Which Months: All Year Statistical Basis: None specified

906 Closed-vent systems (difficult-to-inspect): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than two meters above a support surface. Subpart V. [40 CFR 61.242-11(k)(1)]

907 Closed-vent systems (difficult-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Subpart V. [40 CFR 61.242-11(k)(3)]
Which Months: All Year Statistical Basis: None specified

908 Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection. Record the inspection information specified in 40 CFR 61.482-11(l)(1) through (l)(5). Subpart V. [40 CFR 61.242-11(l)]

909 Ensure that closed-vent systems and control devices are operated at all times when emissions may be vented to them. Subpart V. [40 CFR 61.242-11(m)]

910 Closed-vent system: Operate with no detectable emissions as indicated by an instrument reading of less than 500 ppmv above background, as determined initially and thereafter at least once per year by the methods specified in 40 CFR 61.355(h). Subpart FF. [40 CFR 61.349(a)(1)(i)]

911 Closed-vent system (bypass lines): Flow monitored by flow indicator once every 15 minutes, except as provided in 40 CFR 61.349(a)(1)(ii)(B). Install the flow indicator at the entrance to any bypass line that could divert the vent stream away from the control device to the atmosphere. Subpart FF. [40 CFR 61.349(a)(1)(ii)]
Which Months: All Year Statistical Basis: None specified

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912 Closed-vent system (bypass lines): Flow recordkeeping by electronic or hard copy once every 15 minutes. Subpart FF. [40 CFR 61.349(a)(1)(ii)]

913 Closed-vent system: Ensure that all gauging and sampling devices are gas-tight except when gauging or sampling is taking place. Subpart FF. [40 CFR 61.349(a)(1)(iii)]

914 Total Organic Compounds (TOC) >= 95 % recovery efficiency. Subpart FF. [40 CFR 61.349(a)(2)(ii)]
Which Months: All Year Statistical Basis: None specified

915 Benzene >= 98 % recovery efficiency. Subpart FF. [40 CFR 61.349(a)(2)(ii)]
Which Months: All Year Statistical Basis: None specified

916 Operate at all times when waste is placed in the waste management unit vented to the control device except when maintenance or repair of the waste management unit cannot be completed without a shutdown of the control device. Subpart FF. [40 CFR 61.349(b)]

917 Demonstrate that each control device, except for a flare, achieves the appropriate conditions specified in 40 CFR 61.349(a)(2) using one of methods specified in 40 CFR 61.349(c)(1) and (c)(2). Subpart FF. [40 CFR 61.349(c)]

918 Equipment/operational data monitored by visual inspection/determination once initially and once every quarter thereafter. Include inspection of ductwork and piping and connections to covers and control devices for evidence of visible defects such as holes in ductwork or piping and loose connections. Subpart FF. [40 CFR 61.349(f)]
Which Months: All Year Statistical Basis: None specified

919 Make a first effort to repair the closed-vent system and control device as soon as practicable but no later than 5 calendar days after visible defects are observed during an inspection, or if other problems are identified, or if detectable emissions are measured, except as provided in 40 CFR 61.350. Complete repair no later than 15 calendar days after the emissions are detected or the visible defect is observed. Subpart FF. [40 CFR 61.349(g)]

920 Organic compounds or Benzene monitored by technically sound method continuously. Measure either the concentration level of the organic compounds or the concentration level of benzene in the exhaust vent stream from the condenser. Subpart FF. [40 CFR 61.354(c)(6)(i)]
Which Months: All Year Statistical Basis: None specified

921 Organic compounds or Benzene recordkeeping by recorder continuously. Subpart FF. [40 CFR 61.354(c)(6)(i)]

922 Temperature monitored by temperature monitoring device continuously. Install one temperature sensor in the vent stream at a location in the exhaust stream from the condenser, and a second temperature sensor at a location in the coolant fluid exiting the condenser. Subpart FF. [40 CFR 61.354(c)(6)(ii)]
Which Months: All Year Statistical Basis: None specified

923 Temperature recordkeeping by recorder continuously. Subpart FF. [40 CFR 61.354(c)(6)(ii)]

924 Organic compounds or Benzene monitored by technically sound method continuously. Measure either the concentration level of the organic compounds or the benzene concentration level in the exhaust stream from the carbon bed. Subpart FF. [40 CFR 61.354(c)(7)(i)]
Which Months: All Year Statistical Basis: None specified

925 Organic compounds or Benzene recordkeeping by recorder continuously. Record either the concentration level of the organic compounds or the benzene concentration level in the exhaust stream from the carbon bed. Subpart FF. [40 CFR 61.354(c)(7)(i)]

926 Equipment/operational data monitored by technically sound method continuously. Monitor a parameter that indicates the carbon bed is regenerated on a regular, predetermined time cycle. Subpart FF. [40 CFR 61.354(c)(7)(ii)]
Which Months: All Year Statistical Basis: None specified

927 Equipment/operational data recordkeeping by recorder continuously. Record a parameter that indicates the carbon bed is regenerated on a regular, predetermined time cycle. Subpart FF. [40 CFR 61.354(c)(7)(ii)]

928 Organic compounds or Benzene monitored by technically sound method continuously. Monitor either the concentration level of the organic compounds or the benzene concentration level in the exhaust vent stream from the control device. Subpart FF. [40 CFR 61.354(c)(8)]
Which Months: All Year Statistical Basis: None specified

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929 Organic compounds or Benzene recordkeeping by recorder continuously. Record either the concentration level of the organic compounds or the benzene concentration level in the exhaust vent stream from the control device. Subpart FF. [40 CFR 61.354(c)(8)]

930 Monitoring data monitored by technically sound method daily. Inspect the data recorded by the monitoring equipment to ensure that the control device is operating properly. Subpart FF. [40 CFR 61.354(c)]
Which Months: All Year Statistical Basis: None specified

931 Organic compounds or Benzene monitored by technically sound method daily or at intervals no greater than 20 percent of the design carbon replacement interval, whichever is greater. Monitor either the concentration level of the organic compounds or the concentration level of benzene in the exhaust vent stream from the carbon adsorption system. Subpart FF. [40 CFR 61.354(d)]
Which Months: All Year Statistical Basis: None specified

932 Organic compounds or Benzene recordkeeping by electronic or hard copy daily or at intervals no greater than 20 percent of the design carbon replacement interval, whichever is greater. Subpart FF. [40 CFR 61.354(d)]

933 Replace the existing carbon with fresh carbon immediately when carbon breakthrough is indicated. Subpart FF. [40 CFR 61.354(d)]

934 Replace the carbon in the carbon adsorption system with fresh carbon at a regular predetermined time interval that is less than the carbon replacement interval that is determined by the maximum design flow rate and either the organic concentration or the benzene concentration in the gas stream vented to the carbon adsorption system. Subpart FF. [40 CFR 61.354(d)]

935 Closed-vent system (bypass line): Seal or closure mechanism monitored by visual inspection/determination monthly. Check the position of the valve and the condition of the car-seal or closure mechanism required under 40 CFR 61.349(a)(1)(ii) to ensure that the valve is maintained in the closed position and the vent stream is not diverted through the bypass line. Subpart FF. [40 CFR 61.354(f)(1)]
Which Months: All Year Statistical Basis: None specified

936 Closed-vent system (bypass line): Flow monitored by visual inspection/determination daily. Inspect the readings from each flow monitoring device required by 40 CFR 61.349(a)(1)(ii) to check that vapors are being routed to the control device as required. Subpart FF. [40 CFR 61.354(f)(2)]
Which Months: All Year Statistical Basis: None specified

937 Pressure monitored by pressure instrument continuously to ensure that the pressure is less than atmospheric pressure. Subpart FF. [40 CFR 61.354(g)]
Which Months: All Year Statistical Basis: None specified

938 Pressure recordkeeping by recorder continuously. Subpart FF. [40 CFR 61.354(g)]

939 Determine compliance with 40 CFR 61 Subpart FF using the test methods and procedures specified in 40 CFR 61.355(a) through (i), as applicable. Subpart FF. [40 CFR 61.355]

940 Equipment/operational data recordkeeping by electronic or hard copy continuously Maintain records as specified in 40 CFR 61.356(a) through (n). Maintain each record in a readily accessible location at the facility site for a period not less than two years from the date the information is recorded unless otherwise specified. Subpart FF. [40 CFR 61.356]

941 Design and operate in accordance with the requirements of 40 CFR 63.1281(d). Subpart HHH. [40 CFR 63.1275(b)(1)(i)]

942 Outlet emissions: Benzene < 0.90 Mg/yr. Subpart HHH. [40 CFR 63.1275(b)(1)(ii)]
Which Months: All Year Statistical Basis: None specified

943 Design and operate in accordance with the requirements of 40 CFR 63.1281(d), except that the performance requirements specified in 40 CFR 63.1281(d)(1)(i) and (d)(1)(ii) do not apply. Subpart HHH. [40 CFR 63.1275(b)(1)(ii)]

944 Closed-vent system: Design and operate in accordance with the requirements of 40 CFR 63.1281(c). Subpart HHH. [40 CFR 63.1275(b)(1)]

945 Emissions to the atmosphere: HAP >= 95 % reduction. Subpart HHH. [40 CFR 63.1275(c)(2)]
Which Months: All Year Statistical Basis: None specified

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946 Closed-vent system: Route all gases, vapors, and fumes emitted from the material in a HAP emissions unit to a control device that meets the requirements specified in 40 CFR 63.1281(d). Subpart HHH. [40 CFR 63.1281(c)(1)]

947 Closed-vent system: Design and operate with no detectable emissions, as determined by 40 CFR 63.1282(b). Subpart HHH. [40 CFR 63.1281(c)(2)]

948 Closed-vent system (bypass device): Flow monitored by flow indicator periodically. The flow indicator must sound an alarm when the bypass device is open such that the stream is being, or could be, diverted away from the control device to the atmosphere Subpart HHH. [40 CFR 63.1281(c)(3)(i)(A)]
Which Months: All Year Statistical Basis: None specified

949 Closed-vent system (bypass device): Secure the bypass device valve installed at the inlet to the bypass device in the non-diverting position using a car-seal or a lock-and-key type configuration. Subpart HHH. [40 CFR 63.1281(c)(3)(i)(B)]

950 Total Organic Compounds (TOC) or HAP >= 95 % reduction by weight as determined in accordance with the requirements in 40 CFR 63.1282(d). Subpart HHH. [40 CFR 63.1281(d)(1)(ii)]
Which Months: All Year Statistical Basis: None specified

951 Operate at all times when gases, vapors, and fumes are vented from the emissions unit or units through the closed-vent system to the control device, as required under 40 CFR 63.1275, except when maintenance or repair on a unit cannot be completed without a shutdown of the control device. Subpart HHH. [40 CFR 63.1281(d)(4)(i)]

952 Demonstrate compliance with the monitoring requirements of 40 CFR 63.1283(d) according to the requirements of 40 CFR 63.1282(e) or (f), as applicable. Subpart HHH. [40 CFR 63.1281(d)(4)(ii)]

953 Following initial startup, replace all carbon with fresh carbon on a regular, predetermined time interval that is no longer than the carbon service life established for the carbon adsorption system. Subpart HHH. [40 CFR 63.1281(d)(5)(i)]

954 Regenerate, reactivate, or burn spent carbon removed from the carbon adsorption system, as specified in 40 CFR 63.1281(d)(5)(ii)(A) through (d)(5)(ii)(G). Subpart HHH. [40 CFR 63.1281(d)(5)(ii)]

955 Demonstrate that the control device meets the requirements of 40 CFR 63.1281(d)(1) or (e)(3)(ii) by conducting a performance test. Use the test methods and procedures specified in 40 CFR 63.1282(d)(3)(i) through (d)(3)(iv). Submit the performance test results in the Notification of Compliance Status Report as required in 40 CFR 63.1285(d)(1)(ii). Subpart HHH. [40 CFR 63.1282(d)(3)]

956 Demonstrate that the control device meets the requirements of 40 CFR 63.1281(d)(1) or (e)(3)(ii) by conducting a design analysis meeting the requirements of 40 CFR 63.1282(d)(4)(i) and (d)(4)(ii). Submit documentation of the design analysis as a part of the Notification of Compliance Status Report as required in 40 CFR 63.1285(d)(1)(i). Subpart HHH. [40 CFR 63.1282(d)(4)]

957 Demonstrate that the control device meets the requirements of 40 CFR 63.1281(d)(1) or (e)(3)(ii) by using the procedures documented in the GRI report entitled, "Atmospheric Rich/Lean Method for Determining Glycol Dehydrator Emissions," (GRI 95/0368.1) as inputs for the model GRI-GLYCalc, Version 3.0 or higher. Subpart HHH. [40 CFR 63.1282(d)(5)]

958 Establish a site specific maximum or minimum monitoring parameter value (as appropriate) according to the requirements of 40 CFR 63.1283(d)(5)(i). Subpart HHH. [40 CFR 63.1282(e)(1)]

959 Calculate the daily average of the applicable monitored parameter in accordance with 40 CFR 63.1283(d)(4). Subpart HHH. [40 CFR 63.1282(e)(2)]

960 Establish a site-specific condenser performance curve according to the procedures specified in 40 CFR 63.1283(d)(5)(ii). Subpart HHH. [40 CFR 63.1282(f)(1)]

961 Demonstrate compliance with the percent reduction requirement in 40 CFR 63.1281(d)(1)(ii) or (e)(3) by the procedures in 40 CFR 63.1282(f)(2)(i) through (f)(2)(iii). Subpart HHH. [40 CFR 63.1282(f)(2)]

962 Closed-vent system (joints, seam, or other connections that are permanently or semi-permanently sealed): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the specified in 40 CFR 63.1282(b) to demonstrate that the closed-vent system operates with no detectable emissions. Submit inspection results with the Notification of Compliance Status Report as specified in 40 CFR 63.1285(d)(1) or (d)(2). Subpart HHH. [40 CFR 63.1283(c)(2)(i)(A)]
Which Months: All Year Statistical Basis: None specified

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963 Closed-vent system (joints, seam, or other connections that are permanently or semi-permanently sealed): Equipment/operational data monitored by visual inspection/determination annually for defects that could result in air emissions. Submit inspection results in the Periodic Report as specified in 40 CFR 63.1285(e)(2)(iii). Subpart HHH. [40 CFR 63.1283(c)(2)(i)(B)]
Which Months: All Year Statistical Basis: None specified

964 Closed-vent system (joints, seam, or other connections that are permanently or semi-permanently sealed): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 upon each occurrence of component or connection repair or replacement or connection unsealing, to demonstrate that it operates with no detectable emissions. Use the procedures in 40 CFR 63.1282(b). Submit inspection results in the Periodic Report as specified in 40 CFR 63.1285(e)(2)(iii). Subpart HHH. [40 CFR 63.1283(c)(2)(i)(B)]
Which Months: All Year Statistical Basis: None specified

965 Closed-vent system (components other than those in 40 CFR 63.1283(c)(2)(i)): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures specified in 40 CFR 63.1282(b) to demonstrate that the closed-vent system operates with no detectable emissions. Submit inspection results with the Notification of Compliance Status Report as specified in 40 CFR 63.1285(d)(1) or (d)(2). Subpart HHH. [40 CFR 63.1283(c)(2)(ii)(A)]
Which Months: All Year Statistical Basis: None specified

966 Closed-vent system (components other than those in 40 CFR 63.1283(c)(2)(i)): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually according to the procedures specified in 40 CFR 63.1282(b) to demonstrate that the components or connections operate with no detectable emissions. Submit inspection results in the Periodic Report as specified in 40 CFR 63.1285(e)(2)(iii). Subpart HHH. [40 CFR 63.1283(c)(2)(ii)(B)]
Which Months: All Year Statistical Basis: None specified

967 Closed-vent system (components other than those in 40 CFR 63.1283(c)(2)(i)): Equipment/operational data monitored by visual inspection/determination annually for defects that could result in air emissions. Submit inspection results in the Periodic Report as specified in 40 CFR 63.1285(e)(2)(iii). Subpart HHH. [40 CFR 63.1283(c)(2)(ii)(C)]
Which Months: All Year Statistical Basis: None specified

968 Closed-vent system (bypass device): Flow monitored by flow indicator once every 15 minutes. Install the flow indicator at the inlet to the bypass device. Subpart HHH. [40 CFR 63.1283(c)(2)(iii)(A)]
Which Months: All Year Statistical Basis: None specified

969 Closed-vent system (bypass device): Seal or closure mechanism monitored by visual inspection/determination monthly to verify that the valve is maintained in the non-diverting position and the vent stream is not diverted through the bypass device. Subpart HHH. [40 CFR 63.1283(c)(2)(iii)(B)]
Which Months: All Year Statistical Basis: None specified

970 Closed-vent system: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.1283(c)(4). Subpart HHH. [40 CFR 63.1283(c)(3)]

971 Closed-vent system (unsafe-to-inspect): Determine that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 63.1283(c)(2)(i) or (c)(2)(ii). Subpart HHH. [40 CFR 63.1283(c)(5)(i)]

972 Cover (unsafe-to-inspect): Determine that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 63.1283(c)(2)(i) or (c)(2)(ii). Subpart HHH. [40 CFR 63.1283(c)(5)(i)]

973 Closed-vent system (unsafe-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times. Subpart HHH. [40 CFR 63.1283(c)(5)(ii)]
Which Months: All Year Statistical Basis: None specified

974 Cover (unsafe-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times. Subpart HHH. [40 CFR 63.1283(c)(5)(ii)]
Which Months: All Year Statistical Basis: None specified

975 Closed-vent system (difficult-to-inspect): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than two meters above a support surface. Subpart HHH. [40 CFR 63.1283(c)(6)(i)]

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976 Cover (difficult-to-inspect): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than two meters above a support surface. Subpart HHH. [40 CFR 63.1283(c)(6)(i)]

977 Closed-vent system (difficult-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Subpart HHH. [40 CFR 63.1283(c)(6)(ii)]
Which Months: All Year Statistical Basis: None specified

978 Cover (difficult-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Subpart HHH. [40 CFR 63.1283(c)(6)(ii)]
Which Months: All Year Statistical Basis: None specified

979 Temperature monitored by temperature monitoring device continuously, as specified. Subpart HHH. [40 CFR 63.1283(d)(3)(i)(E)]
Which Months: All Year Statistical Basis: None specified

980 Temperature recordkeeping by electronic or hard copy continuously. Subpart HHH. [40 CFR 63.1283(d)(3)(i)(E)]

981 Flow monitored by integrating regeneration stream flow monitoring device continuously during each carbon bed regeneration cycle, as specified. Monitor the volumetric or average total regeneration stream mass flow. Subpart HHH. [40 CFR 63.1283(d)(3)(i)(F)(1)]
Which Months: All Year Statistical Basis: None specified

982 Flow recordkeeping by electronic or hard copy continuously during each carbon bed regeneration cycle, as specified. Record the volumetric or average total regeneration stream mass flow. Subpart HHH. [40 CFR 63.1283(d)(3)(i)(F)(1)]

983 Temperature monitored by temperature monitoring device continuously for the duration of the carbon bed steaming cycle, after regeneration and within 15 minutes of completing the cooling cycle, as specified. Monitor the average carbon bed temperature. Subpart HHH. [40 CFR 63.1283(d)(3)(i)(F)(2)]
Which Months: All Year Statistical Basis: None specified

984 Temperature recordkeeping by electronic or hard copy continuously for the duration of the carbon bed steaming cycle, after regeneration and within 15 minutes of completing the cooling cycle, as specified. Record the average carbon bed temperature. Subpart HHH. [40 CFR 63.1283(d)(3)(i)(F)(2)]

985 Equipment/operational data monitored by technically sound method continuously. Monitor the design carbon replacement interval established using a performance test performed in accordance with 40 CFR 63.1282(d)(3) or a design analysis in accordance with 40 CFR 63.1282(d)(4)(i)(F), as specified. Subpart HHH. [40 CFR 63.1283(d)(3)(i)(G)]
Which Months: All Year Statistical Basis: None specified

986 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record the design carbon replacement interval. Subpart HHH. [40 CFR 63.1283(d)(3)(i)(G)]

987 Organic compounds monitored by organic monitoring device continuously. Measure the concentration level in the exhaust vent stream from the control device, as specified. Subpart HHH. [40 CFR 63.1283(d)(3)(ii)]
Which Months: All Year Statistical Basis: None specified

988 Organic compounds recordkeeping by electronic or hard copy continuously. Record the concentration level in the exhaust vent stream from the control device, as specified. Subpart HHH. [40 CFR 63.1283(d)(3)(ii)]

989 Calculate the daily average value for each monitored operating parameter for each operating day using the data recorded by the monitoring system. Subpart HHH. [40 CFR 63.1283(d)(4)]

990 Establish a minimum operating parameter value or a maximum operating parameter value, as appropriate for the control device, to define the conditions at which the control device must be operated to continuously achieve the applicable performance requirements of 40 CFR 63.1281(d)(1) or 40 CFR 63.1281(e)(3)(ii). Establish operating parameter values as specified in 40 CFR 63.1283(d)(5)(i)(A) and (d)(5)(i)(B). Subpart HHH. [40 CFR 63.1283(d)(5)(i)]

991 Establish a condenser performance curve showing the relationship between condenser outlet temperature and condenser control efficiency using the procedures specified in 40 CFR 63.1283(d)(5)(ii)(A) through (d)(5)(ii)(C). Subpart HHH. [40 CFR 63.1283(d)(5)(ii)]

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992 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in 40 CFR 63.1284(b) through (e). Subpart HHH. [40 CFR 63.1284]

993 Achieve compliance with the provisions of 40 CFR 63 Subpart T immediately upon start-up or by December 2, 1994, whichever is later. Subpart T. [40 CFR 63.460(c)]

994 Achieve compliance with the provisions of 40 CFR 63 Subpart T no later than December 2, 1997. Subpart T. [40 CFR 63.460(d)]

995 Exhaust: Organic solvent <= 100 ppm of any halogenated HAP compound as measured using the procedure in 40 CFR 63.466(e). If the halogenated HAP solvent concentration in the exhaust exceeds 100 ppm, adjust the desorption schedule or replace the disposable canister, if not a regenerative system, so that the exhaust concentration of halogenated HAP solvent is brought below 100 ppm. Subpart T. [40 CFR 63.463(e)(2)(vii)(A)]
Which Months: All Year Statistical Basis: None specified

996 Ensure that the carbon adsorber bed is not bypassed during desorption. Subpart T. [40 CFR 63.463(e)(2)(vii)(B)]

997 Ensure that the lip exhaust is located above the solvent cleaning machine cover so that the cover closes below the lip exhaust level. Subpart T. [40 CFR 63.463(e)(2)(vii)(C)]

998 Determine whether an exceedance has occurred using the criteria in 40 CFR 63.463(e)(3)(i) and (e)(3)(ii), if any of the requirements of 40 CFR 63.463(e)(2) are not met. Subpart T. [40 CFR 63.463(e)(3)]

999 Solvent concentration: Halogenated HAP monitored by the regulation's specified method(s) weekly. Monitor the concentration of halogenated HAP solvent in the exhaust of the carbon adsorber with a colorimetric detector tube, using the procedures specified in 40 CFR 63.466(e)(1) through (e)(3). Conduct monitoring while the solvent cleaning machine is in the working mode and is venting to the carbon adsorber. Subpart T. [40 CFR 63.466(e)]
Which Months: All Year Statistical Basis: None specified

1000 Solvent concentration: Halogenated HAP recordkeeping by electronic or hard copy weekly. Subpart T. [40 CFR 63.466(e)]

1001 Design and operate in accordance with the requirements of 40 CFR 63.771(d). Subpart HH. [40 CFR 63.765(b)(1)(i)]

1002 Outlet emissions: Benzene < 0.90 Mg/yr. Subpart HH. [40 CFR 63.765(b)(1)(ii)]
Which Months: All Year Statistical Basis: None specified

1003 Design and operate in accordance with the requirements of 40 CFR 63.771(d), except that the performance levels specified in 40 CFR 63.771(d)(1)(i) and (ii) do not apply. Subpart HH. [40 CFR 63.765(b)(1)(ii)]

1004 Closed-vent system: Design and operate in accordance with the requirements of 40 CFR 63.771(c). Subpart HH. [40 CFR 63.765(b)(1)]

1005 Emissions to the atmosphere: HAP >= 95 % reduction. Subpart HH. [40 CFR 63.765(c)(2)]
Which Months: All Year Statistical Basis: None specified

1006 Closed-vent system: Route all gases, vapors, and fumes emitted from the material in a HAP emissions unit to a control device that meets the requirements specified in 40 CFR 63.771(d). Subpart HH. [40 CFR 63.771(c)(1)]

1007 Closed-vent system: Design and operate with no detectable emissions, as determined by 40 CFR 63.772(c). Subpart HH. [40 CFR 63.771(c)(2)]

1008 Closed-vent system (bypass device): Flow monitored by flow indicator periodically. The flow indicator must sound an alarm when the bypass device is open such that the stream is being, or could be, diverted away from the control device to the atmosphere Subpart HH. [40 CFR 63.771(c)(3)(i)(A)]
Which Months: All Year Statistical Basis: None specified

1009 Closed-vent system (bypass device): Secure the bypass device valve installed at the inlet to the bypass device in the non-diverting position using a car-seal or a lock-and-key type configuration. Subpart HH. [40 CFR 63.771(c)(3)(i)(B)]

1010 Total Organic Compounds (TOC) or HAP >= 95 % reduction by weight as determined in accordance with the requirements in 40 CFR 63.772(e) and (f). Subpart HH. [40 CFR 63.771(d)(1)(ii)]
Which Months: All Year Statistical Basis: None specified

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1011 Operate at all times when gases, vapors, and fumes are vented from the HAP emissions unit or units through the closed-vent system to the control device, as required under 40 CFR 63.765, 40 CFR 63.766, and 40 CFR 63.769, except when maintenance or repair on a unit cannot be completed without a shutdown of the control device. Subpart HH. [40 CFR 63.771(d)(4)(i)]

1012 Demonstrate compliance with the monitoring requirements of 40 CFR 63.773(d) according to the requirements of 40 CFR 63.772(f) or (g), as applicable. Subpart HH. [40 CFR 63.771(d)(4)(ii)]

1013 Following initial startup, replace all carbon with fresh carbon on a regular, predetermined time interval that is no longer than the carbon service life established for the carbon adsorption system. Subpart HH. [40 CFR 63.771(d)(5)(i)]

1014 Regenerate, reactivate, or burn spent carbon removed from the carbon adsorption system, as specified in 40 CFR 63.771(d)(5)(ii)(A) through (d)(5)(ii)(G). Subpart HH. [40 CFR 63.771(d)(5)(ii)]

1015 Demonstrate that the control device meets the requirements of 40 CFR 63.771(d)(1) or (e)(3)(ii) by conducting a performance test. Use the test methods and procedures specified in 40 CFR 63.772(e)(3)(i) through (e)(3)(iv). Submit the performance test results in the Notification of Compliance Status Report as required in 40 CFR 63.775(d)(1)(ii). Subpart HH. [40 CFR 63.772(e)(3)]

1016 Demonstrate that the control device meets the requirements of 40 CFR 63.771(d)(1) or (e)(3)(ii) by conducting a design analysis meeting the requirements of 40 CFR 63.772(e)(4)(i) and (e)(4)(ii). Submit documentation of the design analysis as a part of the Notification of Compliance Status Report as required in 40 CFR 63.775(d)(1)(i). Subpart HH. [40 CFR 63.772(e)(4)]

1017 Demonstrate that the control device meets the requirements of 40 CFR 63.771(d)(1) or (e)(3)(ii) by using the procedures documented in the GRI report entitled, "Atmospheric Rich/Lean Method for Determining Glycol Dehydrator Emissions," (GRI 95/0368.1) as inputs for the model GRI-GLYCalc, Version 3.0 or higher. Subpart HH. [40 CFR 63.772(e)(5)]

1018 Establish a site specific maximum or minimum monitoring parameter value (as appropriate) according to the requirements of 40 CFR 63.773(d)(5)(i). Subpart HH. [40 CFR 63.772(f)(1)]

1019 Calculate the daily average of the applicable monitored parameter in accordance with 40 CFR 63.773(d)(4). Subpart HH. [40 CFR 63.772(f)(2)]

1020 Establish a site-specific condenser performance curve according to 40 CFR 63.773(d)(5)(ii). Subpart HH. [40 CFR 63.772(g)(1)]

1021 Demonstrate compliance with the percent reduction requirement in 40 CFR 63.771(d)(1)(ii) or (e)(3) by the procedures in 40 CFR 63.772(g)(2)(i) through (g)(2)(iii). Subpart HH. [40 CFR 63.772(g)(2)]

1022 Closed-vent system (joints, seams, or other connections that are permanently or semi-permanently sealed): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures specified in 40 CFR 63.772(c) to demonstrate that the closed-vent system operates with no detectable emissions. Submit inspection results with the Notification of Compliance Status Report as specified in 40 CFR 63.775(d)(1) or (d)(2). Subpart HH. [40 CFR 63.773(c)(2)(i)(A)]
Which Months: All Year Statistical Basis: None specified

1023 Closed-vent system (joints, seams, or other connections that are permanently or semi-permanently sealed): Equipment/operational data monitored by visual inspection/determination annually for defects that could result in air emissions. Submit the inspection results in the Periodic Report as specified in 40 CFR 63.775(e)(2)(iii). Subpart HH. [40 CFR 63.773(c)(2)(i)(B)]
Which Months: All Year Statistical Basis: None specified

1024 Closed-vent system (joints, seams, or other connections that are permanently or semi-permanently sealed): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 upon each occurrence of component repair or replacement or connection unsealing, to demonstrate that it operates with no detectable emissions. Use the procedures in 40 CFR 63.772(c). Submit the inspection results in the Periodic Report as specified in 40 CFR 63.775(e)(2)(iii). Subpart HH. [40 CFR 63.773(c)(2)(i)(B)]
Which Months: All Year Statistical Basis: None specified

EQT005 Control Device - Vapor Recovery System

1025 Closed-vent system (components other than those in 40 CFR 63.773(c)(2)(1)): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures specified in 40 CFR 63.772(c) to demonstrate that the closed-vent system operates with no detectable emissions. Submit inspection results with the Notification of Compliance Status Report as specified in 40 CFR 63.775(d)(1) or (d)(2). Subpart HH. [40 CFR 63.773(c)(2)(ii)(A)]
Which Months: All Year Statistical Basis: None specified

1026 Closed-vent system (components other than those in 40 CFR 63.773(c)(2)(1)): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually according to the procedures specified in 40 CFR 63.772(c) to demonstrate that the components or connections operate with no detectable emissions. Submit the inspection results in the Periodic Report as specified in 40 CFR 63.775(e)(2)(iii). Subpart HH. [40 CFR 63.773(c)(2)(ii)(B)]
Which Months: All Year Statistical Basis: None specified

1027 Closed-vent system (components other than those in 40 CFR 63.773(c)(2)(1)): Equipment/operational data monitored by visual inspection/determination annually for defects that could result in air emissions. Submit the inspection results in the Periodic Report as specified in 40 CFR 63.775(e)(2)(iii). Subpart HH. [40 CFR 63.773(c)(2)(ii)(C)]
Which Months: All Year Statistical Basis: None specified

1028 Closed-vent system (bypass device): Flow monitored by flow indicator once every 15 minutes. Install the flow indicator at the inlet to the bypass device. Subpart HH. [40 CFR 63.773(c)(2)(iv)(A)]
Which Months: All Year Statistical Basis: None specified

1029 Closed-vent system (bypass device): Seal or closure mechanism monitored by visual inspection/determination monthly to verify that the valve is maintained in the non-diverting position and the vent stream is not diverted through the bypass device. Subpart HH. [40 CFR 63.773(c)(2)(iv)(B)]
Which Months: All Year Statistical Basis: None specified

1030 Closed-vent system: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.773(c)(4). Subpart HH. [40 CFR 63.773(c)(3)]

1031 Closed-vent system (unsafe-to-inspect): Determine that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 63.773(c)(2)(i), (ii), or (iii). Subpart HH. [40 CFR 63.773(c)(5)(i)]

1032 Closed-vent system (unsafe-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times. Subpart HH. [40 CFR 63.773(c)(5)(ii)]
Which Months: All Year Statistical Basis: None specified

1033 Closed-vent system (difficult-to-inspect): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than 2 meters above a support surface. Subpart HH. [40 CFR 63.773(c)(6)(i)]

1034 Closed-vent system (difficult-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Subpart HH. [40 CFR 63.773(c)(6)(ii)]

1035 Ensure that the continuous monitoring system used to comply with 40 CFR 63.773(d)(3) through (d)(9) is designed and operated so that a determination can be made on whether the control device is achieving the applicable performance requirements of 40 CFR 63.771(d) or (e)(3). Subpart HH. [40 CFR 63.773(d)(1)]

1036 Temperature monitored by temperature monitoring device continuously, as specified. Subpart HH. [40 CFR 63.773(d)(3)(i)(E)]
Which Months: All Year Statistical Basis: None specified

1037 Temperature recordkeeping by electronic or hard copy continuously. Subpart HH. [40 CFR 63.773(d)(3)(i)(E)]

1038 Flow monitored by integrating regeneration stream flow monitoring device continuously during each carbon bed regeneration cycle, as specified. Monitor the volumetric or average total regeneration stream mass flow. Subpart HH. [40 CFR 63.773(d)(3)(i)(F)(1)]
Which Months: All Year Statistical Basis: None specified

1039 Flow recordkeeping by electronic or hard copy continuously during each carbon bed regeneration cycle, as specified. Record the volumetric or average total regeneration stream mass flow. Subpart HH. [40 CFR 63.773(d)(3)(i)(F)(1)]

EQT005 Control Device - Vapor Recovery System

1040 Temperature monitored by temperature monitoring device continuously for the duration of the carbon bed steaming cycle, after regeneration and within 15 minutes of completing the cooling cycle, as specified. Monitor the average carbon bed temperature. Subpart HH. [40 CFR 63.773(d)(3)(i)(F)(2)]
Which Months: All Year Statistical Basis: None specified

1041 Temperature recordkeeping by electronic or hard copy continuously for the duration of the carbon bed steaming cycle, after regeneration and within 15 minutes of completing the cooling cycle, as specified. Record the average carbon bed temperature. Subpart HH. [40 CFR 63.773(d)(3)(i)(F)(2)]

1042 Equipment/operational data monitored by technically sound method continuously. Monitor the design carbon replacement interval established using a performance test performed in accordance with 40 CFR 63.772(e)(3) or a design analysis in accordance with 40 CFR 63.772(e)(4)(i)(F), as specified. Subpart HH. [40 CFR 63.773(d)(3)(i)(G)]
Which Months: All Year Statistical Basis: None specified

1043 Equipment/operational data recordkeeping by electronic or hard copy continuously. Subpart HH. [40 CFR 63.773(d)(3)(i)(G)]

1044 Organic compounds monitored by organic monitoring device continuously. Measure the concentration level in the exhaust vent stream from the control device, as specified. Subpart HH. [40 CFR 63.773(d)(3)(ii)]
Which Months: All Year Statistical Basis: None specified

1045 Organic compounds recordkeeping by electronic or hard copy continuously. Record the concentration level in the exhaust vent stream from the control device, as specified. Subpart HH. [40 CFR 63.773(d)(3)(ii)]

1046 Calculate the daily average value for each monitored operating parameter for each operating day using the data recorded by the monitoring system. Subpart HH. [40 CFR 63.773(d)(4)]

1047 Establish a minimum operating parameter value or a maximum operating parameter value, as appropriate for the control device, to define the conditions at which the control device must be operated to continuously achieve the applicable performance requirements of 40 CFR 63.771(d)(1) or 40 CFR 63.771(e)(3)(ii). Establish operating parameter values as specified in 40 CFR 63.773(d)(5)(i)(A) and (d)(5)(i)(B). Subpart HH. [40 CFR 63.773(d)(5)(i)]

1048 Establish a condenser performance curve showing the relationship between condenser outlet temperature and condenser control efficiency using the procedures specified in 40 CFR 63.773(d)(5)(ii)(A) through (d)(5)(ii)(C). Subpart HH. [40 CFR 63.773(d)(5)(ii)]

1049 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in 40 CFR 63.774(b) through (e). Subpart HH. [40 CFR 63.774]

EQT006 Control Device - Carbon Adsorber - LA Policy

1050 Control VOC emissions using activated carbon adsorption units (at 75% efficiency) that have been approved by the Environmental Technology Division, Engineering Services. [LAC 33:III.501.C.6]

1051 Utilize a monitoring system approved by the Environmental Technology Division, Engineering Services. [LAC 33:III.501.C.6]

1052 Cease using equipment when breakthrough occurs and do not resume use until the carbon adsorption unit has been regenerated or replaced. [LAC 33:III.501.C.6]

1053 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of breakthrough. Keep records of the number of breakthroughs on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

1054 Submit report: Due annually, by the 31st of March. Submit the number of breakthroughs for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

1055 VOC, Total monitored by the regulation's specified method(s) daily. Monitor VOC breakthrough using a portable VOC detector until the reliable life expectancy of the canister is established. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1056 Replace canisters as necessary to maintain a control efficiency of 95% minimum. [LAC 33:III.501.C.6]

EQT006 Control Device - Carbon Adsorber - LA Policy

1057 Equipment/operational data recordkeeping by electronic or hard copy daily. Keep records of the tests to determine carbon canister life, as well as the dates of canister replacement, on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

1058 Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]

1059 Comply with the submitted implementation plan and schedule for installing, testing and performing any other appropriate activities prior to use of the monitoring, if any of the approved monitoring in this permit requires installation, testing, or other necessary activities prior to use of the monitoring for purposes of 40 CFR 64. Implement monitoring as expeditiously as practicable after approval of the monitoring pursuant to 40 CFR 64.6, but in no case shall the period for completing installation and beginning operation of the monitoring exceed 180 days after approval of the permit. [40 CFR 64.4(e)]

1060 Equipment/operational data monitored by technically sound method continuously. [40 CFR 64.6(c)(1)]
Which Months: All Year Statistical Basis: None specified

1061 An excursion or exceedance is defined as XXXXX. [40 CFR 64.6(c)(2)]

1062 Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]

1063 Equipment/operational data recordkeeping by electronic or hard copy continuously. [40 CFR 64.6(c)(4)]

1064 Schedule for installation, testing or final verification of operational status: ^. [40 CFR 64.6(d)]

1065 Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]

1066 Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]

1067 Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]

1068 Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]

1069 Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the ^ emission limitation or the ^ standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]

1070 XXXXX is the threshold limit of excursions or exceedances at which implementation of a QIP is required. [40 CFR 64.8(a)]

1071 Maintain a written Quality Improvement Plan (QIP) and have it available for inspection. Include initially in the plan procedures for evaluating the control performance problems and, based on the results of the evaluation procedures, modify the plan to include procedures for conducting one or more of the actions specified in 40 CFR 64.8(b)(2)(i) through (b)(2)(v), as appropriate. [40 CFR 64.8(b)]

1072 Develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable. [40 CFR 64.8(c)]

1073 Submit notification: Notify the DEQ if the period for completing the improvements contained in the Quality Improvement Plan (QIP) exceeds 180 days from the date on which the need to implement the QIP was determined. [40 CFR 64.8(c)]

EQT006 Control Device - Carbon Adsorber - LA Policy

1074 Make reasonable changes to the Quality Improvement Plan (QIP) as the DEQ requires, upon any determination pursuant to 40 CFR 64.7(d)(2) subsequent to implementation. [40 CFR 64.8(d)]

1075 Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]

1076 Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]

1077 Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

1078 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

EQT007 Control Device - Cyclone - LA Policy

1079 Cyclone vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1080 Cyclone vents: Visible emissions recordkeeping by electronic or hard copy daily. [LAC 33:III.501.C.6]

1081 Cyclone vents: Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Perform maintenance as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1082 Cyclone vents: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

1083 Particulate matter (10 microns or less) >=_ % removal efficiency. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1084 Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]

1085 Comply with the submitted implementation plan and schedule for installing, testing and performing any other appropriate activities prior to use of the monitoring, if any of the approved monitoring in this permit requires installation, testing, or other necessary activities prior to use of the monitoring for purposes of 40 CFR 64. Implement monitoring as expeditiously as practicable after approval of the monitoring pursuant to 40 CFR 64.6, but in no case shall the period for completing installation and beginning operation of the monitoring exceed 180 days after approval of the permit. [40 CFR 64.4(e)]

1086 Equipment/operational data monitored by technically sound method continuously. [40 CFR 64.6(c)(1)]
Which Months: All Year Statistical Basis: None specified

1087 An excursion or exceedance is defined as XXXXX. [40 CFR 64.6(c)(2)]

1088 Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]

1089 Equipment/operational data recordkeeping by electronic or hard copy continuously. [40 CFR 64.6(c)(4)]

1090 Schedule for installation, testing or final verification of operational status: ^. [40 CFR 64.6(d)]

1091 Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]

EQT007 Control Device - Cyclone - LA Policy

1092 Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]

1093 Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]

1094 Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]

1095 Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the ^ emission limitation or the ^ standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]

1096 XXXXX is the threshold limit of excursions or exceedances at which implementation of a QIP is required. [40 CFR 64.8(a)]

1097 Maintain a written Quality Improvement Plan (QIP) and have it available for inspection. Include initially in the plan procedures for evaluating the control performance problems and, based on the results of the evaluation procedures, modify the plan to include procedures for conducting one or more of the actions specified in 40 CFR 64.8(b)(2)(i) through (b)(2)(v), as appropriate. [40 CFR 64.8(b)]

1098 Develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable. [40 CFR 64.8(c)]

1099 Submit notification: Notify the DEQ if the period for completing the improvements contained in the Quality Improvement Plan (QIP) exceeds 180 days from the date on which the need to implement the QIP was determined. [40 CFR 64.8(c)]

1100 Make reasonable changes to the Quality Improvement Plan (QIP) as the DEQ requires, upon any determination pursuant to 40 CFR 64.7(d)(2) subsequent to implementation. [40 CFR 64.8(d)]

1101 Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]

1102 Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]

1103 Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

1104 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

EQT008 Control Device - Dust Filter - LA Policy

1105 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

EQT008 Control Device - Dust Filter - LA Policy

1106 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

1107 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1108 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

1109 Particulate matter (10 microns or less) >=_ % removal efficiency. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1110 Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]

1111 Comply with the submitted implementation plan and schedule for installing, testing and performing any other appropriate activities prior to use of the monitoring, if any of the approved monitoring in this permit requires installation, testing, or other necessary activities prior to use of the monitoring for purposes of 40 CFR 64. Implement monitoring as expeditiously as practicable after approval of the monitoring pursuant to 40 CFR 64.6, but in no case shall the period for completing installation and beginning operation of the monitoring exceed 180 days after approval of the permit. [40 CFR 64.4(e)]

1112 Equipment/operational data monitored by technically sound method continuously. [40 CFR 64.6(c)(1)]
Which Months: All Year Statistical Basis: None specified

1113 An excursion or exceedance is defined as XXXXX. [40 CFR 64.6(c)(2)]

1114 Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]

1115 Equipment/operational data recordkeeping by electronic or hard copy continuously. [40 CFR 64.6(c)(4)]

1116 Schedule for installation, testing or final verification of operational status: ^. [40 CFR 64.6(d)]

1117 Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]

1118 Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]

1119 Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]

1120 Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]

1121 Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the ^ emission limitation or the ^ standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]

EQT008 Control Device - Dust Filter - LA Policy

1122 XXXXX is the threshold limit of excursions or exceedances at which implementation of a QIP is required. [40 CFR 64.8(a)]

1123 Maintain a written Quality Improvement Plan (QIP) and have it available for inspection. Include initially in the plan procedures for evaluating the control performance problems and, based on the results of the evaluation procedures, modify the plan to include procedures for conducting one or more of the actions specified in 40 CFR 64.8(b)(2)(i) through (b)(2)(v), as appropriate. [40 CFR 64.8(b)]

1124 Develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable. [40 CFR 64.8(c)]

1125 Submit notification: Notify the DEQ if the period for completing the improvements contained in the Quality Improvement Plan (QIP) exceeds 180 days from the date on which the need to implement the QIP was determined. [40 CFR 64.8(c)]

1126 Make reasonable changes to the Quality Improvement Plan (QIP) as the DEQ requires, upon any determination pursuant to 40 CFR 64.7(d)(2) subsequent to implementation. [40 CFR 64.8(d)]

1127 Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]

1128 Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]

1129 Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

1130 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

EQT009 Control Device - Wet Scrubber - LA Policy

1131 pH >=_ s.u. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1132 Flow rate >=_ gallons/min. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1133 pH monitored by pH instrument once every four hours. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1134 pH recordkeeping by electronic or hard copy once every four hours. [LAC 33:III.501.C.6]

1135 Flow rate monitored by flow rate monitoring device once every four hours. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1136 Flow rate recordkeeping by electronic or hard copy once every four hours. [LAC 33:III.501.C.6]

1137 Submit report: Due annually, by the 15th of February for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

1138 Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]

1139 Comply with the submitted implementation plan and schedule for installing, testing and performing any other appropriate activities prior to use of the monitoring, if any of the approved monitoring in this permit requires installation, testing, or other necessary activities prior to use of the monitoring for purposes of 40 CFR 64. Implement monitoring as expeditiously as practicable after approval of the monitoring pursuant to 40 CFR 64.6, but in no case shall the period for completing installation and beginning operation of the monitoring exceed 180 days after approval of the permit. [40 CFR 64.4(e)]

EQT009 Control Device - Wet Scrubber - LA Policy

1140 Equipment/operational data monitored by technically sound method continuously. [40 CFR 64.6(c)(1)]
Which Months: All Year Statistical Basis: None specified

1141 An excursion or exceedance is defined as XXXXX. [40 CFR 64.6(c)(2)]

1142 Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]

1143 Equipment/operational data recordkeeping by electronic or hard copy continuously. [40 CFR 64.6(c)(4)]

1144 Schedule for installation, testing or final verification of operational status: ^. [40 CFR 64.6(d)]

1145 Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]

1146 Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]

1147 Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]

1148 Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]

1149 Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the ^ emission limitation or the ^ standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]

1150 XXXXX is the threshold limit of excursions or exceedances at which implementation of a QIP is required. [40 CFR 64.8(a)]

1151 Maintain a written Quality Improvement Plan (QIP) and have it available for inspection. Include initially in the plan procedures for evaluating the control performance problems and, based on the results of the evaluation procedures, modify the plan to include procedures for conducting one or more of the actions specified in 40 CFR 64.8(b)(2)(i) through (b)(2)(v), as appropriate. [40 CFR 64.8(b)]

1152 Develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable. [40 CFR 64.8(c)]

1153 Submit notification: Notify the DEQ if the period for completing the improvements contained in the Quality Improvement Plan (QIP) exceeds 180 days from the date on which the need to implement the QIP was determined. [40 CFR 64.8(c)]

1154 Make reasonable changes to the Quality Improvement Plan (QIP) as the DEQ requires, upon any determination pursuant to 40 CFR 64.7(d)(2) subsequent to implementation. [40 CFR 64.8(d)]

1155 Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]

1156 Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]

1157 Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

EQT009 Control Device - Wet Scrubber - LA Policy

1158 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

EQT010 Control Device - Non NSPS Flare - LA Policy

1159 Flare gas: Heat content > 300 BTU/scf, to ensure destruction of emissions to the flare stack. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1160 Flare gas: Heat content monitored by gas analysis annually, to insure the heat content is above 300 BTU/scf. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1161 Flare gas: Heat content recordkeeping by electronic or hard copy annually. [LAC 33:III.501.C.6]

1162 Presence of a flame monitored by heat sensing device continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1163 Presence of a flame recordkeeping by electronic or hard copy continuously. [LAC 33:III.501.C.6]

1164 Presence of a flame monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1165 Presence of a flame recordkeeping by electronic or hard copy daily. [LAC 33:III.501.C.6]

1166 Develop a corrective action plan for re-lighting the flare. Plan must be kept readily available for immediate implementation in the event the flare needs to be re-lit. [LAC 33:III.501.C.6]

1167 Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]

1168 Comply with the submitted implementation plan and schedule for installing, testing and performing any other appropriate activities prior to use of the monitoring, if any of the approved monitoring in this permit requires installation, testing, or other necessary activities prior to use of the monitoring for purposes of 40 CFR 64. Implement monitoring as expeditiously as practicable after approval of the monitoring pursuant to 40 CFR 64.6, but in no case shall the period for completing installation and beginning operation of the monitoring exceed 180 days after approval of the permit. [40 CFR 64.4(e)]

1169 Equipment/operational data monitored by technically sound method continuously. [40 CFR 64.6(c)(1)]
Which Months: All Year Statistical Basis: None specified

1170 An excursion or exceedance is defined as XXXXX. [40 CFR 64.6(c)(2)]

1171 Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]

1172 Equipment/operational data recordkeeping by electronic or hard copy continuously. [40 CFR 64.6(c)(4)]

1173 Schedule for installation, testing or final verification of operational status: ^. [40 CFR 64.6(d)]

1174 Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]

1175 Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]

EQT010 Control Device - Non NSPS Flare - LA Policy

1176 Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]

1177 Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]

1178 Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the ^ emission limitation or the ^ standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]

1179 XXXXX is the threshold limit of excursions or exceedances at which implementation of a QIP is required. [40 CFR 64.8(a)]

1180 Maintain a written Quality Improvement Plan (QIP) and have it available for inspection. Include initially in the plan procedures for evaluating the control performance problems and, based on the results of the evaluation procedures, modify the plan to include procedures for conducting one or more of the actions specified in 40 CFR 64.8(b)(2)(i) through (b)(2)(v), as appropriate. [40 CFR 64.8(b)]

1181 Develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable. [40 CFR 64.8(c)]

1182 Submit notification: Notify the DEQ if the period for completing the improvements contained in the Quality Improvement Plan (QIP) exceeds 180 days from the date on which the need to implement the QIP was determined. [40 CFR 64.8(c)]

1183 Make reasonable changes to the Quality Improvement Plan (QIP) as the DEQ requires, upon any determination pursuant to 40 CFR 64.7(d)(2) subsequent to implementation. [40 CFR 64.8(d)]

1184 Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]

1185 Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]

1186 Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

1187 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

EQT011 Steam Boiler - Subject to 40CFR60 Subpart D

1188 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

EQT011 Steam Boiler - Subject to 40CFR60 Subpart D

1189 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

1190 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]

1191 Total suspended particulate <= 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified

1192 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified

1193 Sulfur dioxide <= 2000 ppmv at standard conditions. [LAC 33:III.1503.C]
Which Months: All Year Statistical Basis: Three-hour average

1194 Determine sulfur dioxide and sulfuric acid mist concentrations in stack gases using the methods in LAC 33:III.1503.D.Table 4. Use these methods for initial compliance determinations and for additional compliance determinations for those facilities not subject to continuous emission monitoring. [LAC 33:III.1503.D.1]

1195 Submit report: Due in writing to the Office of Environmental Compliance, Surveillance Division, within seven calendar days after startup. Submit report if requesting exemption from the provisions of LAC 33:III.1503.A. Explain the conditions and duration of the startup and list the steps necessary to remedy, prevent and limit the excess emissions. [LAC 33:III.1507.A.1]

1196 Submit report: Due in writing to the Office of Environmental Compliance, Surveillance Division, within seven calendar days of an upset which has caused excess emissions, and if on-line operating changes will eliminate a temporary condition. Submit report if requesting exemption from the emission limitations of LAC 33:III.1503.A. Explain the conditions and duration of the upset and list the steps necessary to remedy, prevent and limit the excess emissions. [LAC 33:III.1507.B.1]

1197 Control process gas streams by flaring or combustion. [LAC 33:III.1509]

1198 Sulfur dioxide monitored by continuous emission monitor (CEM) continuously. Ensure that the measurement system is certified according to Performance Specification 2 of 40 CFR 60, Appendix B, and quality assured by the procedures in 40 CFR 60, Appendix F. [LAC 33:III.1511.A]
Which Months: All Year Statistical Basis: None specified

1199 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

1200 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

1201 Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. [LAC 33:III.1513]

1202 Submit quarterly reports of three-hour excess emissions and reports of emergency conditions, in accordance with LAC 33:I.Chapter 39. [LAC 33:III.1513]

1203 Nonhalogenated hydrocarbon burning: Temperature >= 1300 F (704 degrees C) for 0.3 second or greater in a direct-flame afterburner or an equally effective device which achieves a removal efficiency of 95 percent or greater, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 50 ppm by volume, whichever is less stringent. [LAC 33:III.2115.A]
Which Months: All Year Statistical Basis: None specified

EQT011 Steam Boiler - Subject to 40CFR60 Subpart D

1204 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.B]
Which Months: All Year Statistical Basis: None specified

1205 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.C]
Which Months: All Year Statistical Basis: None specified

1206 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.D]
Which Months: All Year Statistical Basis: None specified

1207 VOC, Total <= 0.12 kg/1000 kg of product from the material recovery section. [LAC 33:III.2115.E]
Which Months: All Year Statistical Basis: None specified

1208 Halogenated hydrocarbons, total >= 95 % removal efficiency as determined in accordance with LAC 33:III.2115.J.1, by combustion or other methods specified in LAC 33:III.2115.G. If combusted, reduce the halogenated products of combustion to an emission level acceptable to DEQ. [LAC 33:III.2115.F]
Which Months: All Year Statistical Basis: None specified

1209 Determine compliance with LAC 33:III.2115.A through G by applying the test methods specified in LAC 33:III.2115.I.1 through 5, as appropriate. [LAC 33:III.2115.I]

1210 Demonstrate compliance with LAC 33:III.2115 as requested by DEQ. [LAC 33:III.2115.J.1]

1211 Install and maintain monitors to accurately measure and record operational parameters of all required control devices as necessary to ensure the proper functioning of those devices in accordance with design specifications. Monitor and record at a minimum the parameters listed in LAC 33:III.2115.J.2.a through e. [LAC 33:III.2115.J.2]

1212 Comply with LAC 33:III.2115 as soon as practicable but in no event later than August 20, 2003. Comply with the requirements of LAC 33:III.2115 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2115 as a result of a revision of LAC 33:III.2115. [LAC 33:III.2115.J]

1213 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.2115.K.1 through K.3. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

1214 Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

1215 Equipment/operational data <=_ appropriate units. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1216 Equipment/operational data monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1217 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total xxxxxxxxxxxxxxxxxxxxxx each month, as well as the total xxxxxxxxxxxxxxxx for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

1218 Submit report: Due annually, by the 31st of March. Report the xxxxxxxxxxxxxxxxxx for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

EQT011 Steam Boiler - Subject to 40CFR60 Subpart D

1219 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]

1220 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]

1221 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]

1222 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]

1223 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]

1224 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]

1225 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]

1226 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]

1227 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

1228 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]

1229 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]

1230 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]

1231 Particulate matter (10 microns or less) <= 0.10 lb/MMBTU (43 nanograms per joule) heat input derived from fossil fuel or fossil fuel and wood reside. Subpart D. [40 CFR 60.42(a)(1)]
Which Months: All Year Statistical Basis: None specified

1232 Opacity <= 20 percent except for one six-minute period per hour of not more than 27 percent opacity. Subpart D. [40 CFR 60.42(a)(2)]
Which Months: All Year Statistical Basis: Six-minute average

1233 Sulfur dioxide <=_ lb/MMBTU. Subpart D. [40 CFR 60.43]
Which Months: All Year Statistical Basis: None specified

1234 Nitrogen oxides <=_ lb/MMBTU. Subpart D. [40 CFR 60.44]
Which Months: All Year Statistical Basis: None specified

1235 Use the procedures in 40 CFR 60.45(c)(1) through (c)(5) for performance evaluations under 40 CFR 60.13(c) and calibration checks under 40 CFR 60.13(d). Subpart D. [40 CFR 60.45(c)]

1236 Submit excess emission and monitoring system performance reports: Due semiannually for each six-month period in the calendar year. Postmark all semiannual reports by the 30th day following the end of each six-month period. Include the information required in 40 CFR 60.7(c). Subpart D. [40 CFR 60.45(g)]

1237 Opacity monitored by continuous emission monitor (CEM) continuously, except as provided in 40 CFR 60.45(b). Convert the data to the units of the applicable standard as specified in 40 CFR 60.45(e) and (f). Subpart D. [40 CFR 60.45]
Which Months: All Year Statistical Basis: None specified

EQT011 Steam Boiler - Subject to 40CFR60 Subpart D

1238 Sulfur dioxide monitored by continuous emission monitor (CEM) continuously, except as provided in 40 CFR 60.45(b). Convert the data to the units of the applicable standard as specified in 40 CFR 60.45(e) and (f). Subpart D. [40 CFR 60.45]
Which Months: All Year Statistical Basis: None specified

1239 Nitrogen oxides monitored by continuous emission monitor (CEM) continuously, except as provided in 40 CFR 60.45(b). Convert the data to the units of the applicable standard as specified in 40 CFR 60.45(e) and (f). Subpart D. [40 CFR 60.45]
Which Months: All Year Statistical Basis: None specified

1240 Oxygen or Carbon dioxide monitored by continuous emission monitor (CEM) continuously, except as provided in 40 CFR 60.45(b). Convert the data to the units of the applicable standard as specified in 40 CFR 60.45(e) and (f). Subpart D. [40 CFR 60.45]
Which Months: All Year Statistical Basis: None specified

1241 Conduct the performance tests required in 40 CFR 60.8 using as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.46, except as provided in 40 CFR 60.8(b). Subpart D. [40 CFR 60.46(a)]

EQT012 Steam Boiler - Subject to 40CFR60 Subpart Db

1242 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

1243 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

1244 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]

1245 Total suspended particulate <= 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified

1246 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified

1247 Sulfur dioxide <= 2000 ppmv at standard conditions. [LAC 33:III.1503.C]
Which Months: All Year Statistical Basis: Three-hour average

1248 Determine sulfur dioxide and sulfuric acid mist concentrations in stack gases using the methods in LAC 33:III.1503.D.Table 4. Use these methods for initial compliance determinations and for additional compliance determinations for those facilities not subject to continuous emission monitoring. [LAC 33:III.1503.D.1]

1249 Submit report: Due in writing to the Office of Environmental Compliance, Surveillance Division, within seven calendar days after startup. Submit report if requesting exemption from the provisions of LAC 33:III.1503.A. Explain the conditions and duration of the startup and list the steps necessary to remedy, prevent and limit the excess emissions. [LAC 33:III.1507.A.1]

1250 Submit report: Due in writing to the Office of Environmental Compliance, Surveillance Division, within seven calendar days of an upset which has caused excess emissions, and if on-line operating changes will eliminate a temporary condition. Submit report if requesting exemption from the emission limitations of LAC 33:III.1503.A. Explain the conditions and duration of the upset and list the steps necessary to remedy, prevent and limit the excess emissions. [LAC 33:III.1507.B.1]

1251 Control process gas streams by flaring or combustion. [LAC 33:III.1509]

EQT012 Steam Boiler - Subject to 40CFR60 Subpart Db

1252 Sulfur dioxide monitored by continuous emission monitor (CEM) continuously. Ensure that the measurement system is certified according to Performance Specification 2 of 40 CFR 60, Appendix B, and quality assured by the procedures in 40 CFR 60, Appendix F. [LAC 33:III.1511.A]
Which Months: All Year Statistical Basis: None specified

1253 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

1254 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

1255 Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. [LAC 33:III.1513]

1256 Submit quarterly reports of three-hour excess emissions and reports of emergency conditions, in accordance with LAC 33:I.Chapter 39. [LAC 33:III.1513]

1257 Nonhalogenated hydrocarbon burning: Temperature >= 1300 F (704 degrees C) for 0.3 second or greater in a direct-flame afterburner or an equally effective device which achieves a removal efficiency of 95 percent or greater, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 50 ppm by volume, whichever is less stringent. [LAC 33:III.2115.A]
Which Months: All Year Statistical Basis: None specified

1258 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.B]
Which Months: All Year Statistical Basis: None specified

1259 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.C]
Which Months: All Year Statistical Basis: None specified

1260 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.D]
Which Months: All Year Statistical Basis: None specified

1261 VOC, Total <= 0.12 kg/1000 kg of product from the material recovery section. [LAC 33:III.2115.E]
Which Months: All Year Statistical Basis: None specified

1262 Halogenated hydrocarbons, total >= 95 % removal efficiency as determined in accordance with LAC 33:III.2115.J.1, by combustion or other methods specified in LAC 33:III.2115.G. If combusted, reduce the halogenated products of combustion to an emission level acceptable to DEQ. [LAC 33:III.2115.F]
Which Months: All Year Statistical Basis: None specified

1263 Determine compliance with LAC 33:III.2115.A through G by applying the test methods specified in LAC 33:III.2115.I.1 through 5, as appropriate. [LAC 33:III.2115.I]

1264 Demonstrate compliance with LAC 33:III.2115 as requested by DEQ. [LAC 33:III.2115.J.1]

1265 Install and maintain monitors to accurately measure and record operational parameters of all required control devices as necessary to ensure the proper functioning of those devices in accordance with design specifications. Monitor and record at a minimum the parameters listed in LAC 33:III.2115.J.2.a through e. [LAC 33:III.2115.J.2]

SPECIFIC REQUIREMENTS

AI ID: 122793 - Title V General Permit
Activity Number: PER20040001
Permit Number: General Permit
Air - Title V General Permit Initial

EQT012 Steam Boiler - Subject to 40CFR60 Subpart Db

1266 Comply with LAC 33:III.2115 as soon as practicable but in no event later than August 20, 2003. Comply with the requirements of LAC 33:III.2115 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2115 as a result of a revision of LAC 33:III.2115. [LAC 33:III.2115.J]

1267 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.2115.K.1 through K.3. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

1268 Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

1269 Equipment/operational data <=_ appropriate units. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1270 Equipment/operational data monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1271 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total xxxxxxxxxxxxxxxxxxxxxx each month, as well as the total xxxxxxxxxxxxxxxx for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

1272 Submit report: Due annually, by the 31st of March. Report the xxxxxxxxxxxxxxxxxx for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

1273 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]

1274 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]

1275 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]

1276 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]

1277 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]

1278 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]

1279 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]

1280 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]

1281 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

1282 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]

1283 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]

1284 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]

EQT012 Steam Boiler - Subject to 40CFR60 Subpart Db

1285 Demonstrate that the fuel oil meets the definition of very low sulfur oil by: (1) Following the performance testing procedures as described in 40 CFR 60.45b(c) or 60.45b(d), and following monitoring procedures in 40 CFR 60.47b(a) or 60.47b(b); or (2) maintaining fuel receipts as described in 40 CFR 60.49b(r). Subpart Db. [40 CFR 60.42b(j)]

1286 Sulfur dioxide >=_ % reduction (less than or equal to XX percent of the potential SO2 emission rate). Except as provided in 40 CFR 60.42b(i), the sulfur dioxide percent reduction requirements apply at all times, including periods of startup, shutdown, and malfunction. Subpart Db. [40 CFR 60.42b]
Which Months: All Year Statistical Basis: Thirty-day rolling average

1287 Sulfur dioxide <=_ lb/MMBTU (XX ng/J) heat input, as determined using the specified equation. Except as provided in 40 CFR 60.42b(i), the sulfur dioxide emission limits apply at all times, including periods of startup, shutdown, and malfunction. Subpart Db. [40 CFR 60.42b]
Which Months: All Year Statistical Basis: Thirty-day rolling average

1288 Opacity <= 20 percent, except for one 6-minute period per hour of not more than 27% opacity. The opacity standards apply at all times, except during periods of startup, shutdown, or malfunction. Subpart Db. [40 CFR 60.43b(f)]
Which Months: All Year Statistical Basis: Six-minute average

1289 Particulate matter (10 microns or less) <=_ lb/MMBTU (XX ng/J) heat input. The particulate matter standards apply at all times, except during periods of startup, shutdown, or malfunction. Subpart Db. [40 CFR 60.43b]
Which Months: All Year Statistical Basis: None specified

1290 Nitrogen oxides <=_ lb/MMBTU (XX ng/J) heat input (expressed as NO2). The nitrogen oxide standards apply at all times, including periods of startup, shutdown, or malfunction. Subpart Db. [40 CFR 60.44b]
Which Months: All Year Statistical Basis: Thirty-day rolling average

1291 Conduct the performance tests required under 40 CFR 60.8 for demonstrating compliance with the sulfur dioxide standards using the test methods and procedures specified in 40 CFR 60 Appendix A, or in 40 CFR 60.45b, except as provided in 40 CFR 60.8(b). Subpart Db. [40 CFR 60.45b(b)]

1292 Demonstrate the maximum design heat input capacity of the steam generating unit by operating the steam generating unit at this capacity for 24 hours, if seeking to demonstrate compliance with the SO2 standards, as specified. Subpart Db. [40 CFR 60.45b(e)]

1293 Conduct performance testing to demonstrate compliance with the nitrogen oxides emission standards in 40 CFR 60.44b by following 40 CFR 60.46b(e) or (f), or following 40 CFR 60.46b(g) and (h), as applicable. Subpart Db. [40 CFR 60.46b(c)]

1294 Conduct an initial performance test as required under 40 CFR 60.8 to demonstrate compliance with the particulate matter emission limits and opacity limits under 40 CFR 60.43b following the procedures and reference methods specified in 40 CFR 60.46b(d)(1) through (d)(7). Subpart Db. [40 CFR 60.46b(d)]

1295 Sulfur dioxide monitored by continuous emission monitor (CEM) continuously at the inlet and outlet of the sulfur dioxide control device. Calculate sulfur dioxide emission rates as specified in 40 CFR 60.47b(d). Subpart Db. [40 CFR 60.47b(a)]
Which Months: All Year Statistical Basis: One-hour average

1296 Sulfur dioxide recordkeeping by continuous emission monitor (CEM) continuously at the inlet and outlet of the sulfur dioxide control device. Subpart Db. [40 CFR 60.47b(a)]

1297 Oxygen or Carbon dioxide monitored by continuous emission monitor (CEM) continuously at the inlet and outlet of the sulfur dioxide control device. Subpart Db. [40 CFR 60.47b(a)]
Which Months: All Year Statistical Basis: One-hour average

1298 Oxygen or Carbon dioxide recordkeeping by continuous emission monitor (CEM) continuously at the inlet and outlet of the sulfur dioxide control device. Subpart Db. [40 CFR 60.47b(a)]

1299 Fuel sulfur content monitored by 40 CFR 60, Appendix A, Method 19 at the regulation's specified frequency. Collect coal or oil samples in an as-fired condition at the inlet to the steam generating unit and analyze for sulfur content. Follow procedures in Method 19 for conversion of measurements into the average sulfur dioxide input rate. Use the procedures in 40 CFR 60.47b(b)(3) and (4) to determine the mean 30-day sulfur dioxide emission rate. Subpart Db. [40 CFR 60.47b(b)(1)]
Which Months: All Year Statistical Basis: None specified

EQT012 Steam Boiler - Subject to 40CFR60 Subpart Db

1300 Heat content monitored by 40 CFR 60, Appendix A, Method 19 at the regulation's specified frequency. Collect coal or oil samples in an as-fired condition at the inlet to the steam generating unit and analyze for heat content. Follow procedures in Method 19 for conversion of measurements into the average sulfur dioxide input rate. Use the procedures in 40 CFR 60.47b(b)(3) and (4) to determine the mean 30-day sulfur dioxide emission rate. Subpart Db. [40 CFR 60.47b(b)(1)]
Which Months: All Year Statistical Basis: None specified

1301 Sulfur dioxide monitored by 40 CFR 60, Appendix A, Method 6B at the regulation's specified frequency at the inlet or outlet of the sulfur dioxide control system, using the procedures in 60.47b(2). An initial stratification test is required to verify the adequacy of the Method 6B sampling location, as specified. Use the procedures in 40 CFR 60.47b(b)(3) and (4) to determine the mean 30-day sulfur dioxide emission rate. Subpart Db. [40 CFR 60.47b(b)(2)]
Which Months: All Year Statistical Basis: None specified

1302 Obtain SO2 emission data for at least 75 percent of the operating hours in at least 22 out of 30 successive boiler operating days. If this minimum data requirement is not met with a single monitoring system, supplement the emission data with data collected with other monitoring systems as approved by DEQ or the reference methods and procedures as described in 40 CFR 60.47b(b). Subpart Db. [40 CFR 60.47b(c)]

1303 Follow the procedures under 40 CFR 60.13 and 40 CFR 60.47b(e)(1) through (3) for installation, evaluation, and operation of the SO2 CEMS. Subpart Db. [40 CFR 60.47b(e)]

1304 Opacity monitored by continuous opacity monitor (COM) continuously. Subpart Db. [40 CFR 60.48b(a)]
Which Months: All Year Statistical Basis: Six-minute average

1305 Opacity recordkeeping by continuous opacity monitor (COM) continuously. Subpart Db. [40 CFR 60.48b(a)]

1306 Nitrogen oxides monitored by CMS continuously. Calculate nitrogen oxides emission rates as specified in 40 CFR 60.48b(d). Subpart Db. [40 CFR 60.48b(b)(1)]
Which Months: All Year Statistical Basis: One-hour average

1307 Nitrogen oxides recordkeeping by CMS continuously. Subpart Db. [40 CFR 60.48b(b)(1)]

1308 NOx CEMS performance evaluation data reported to meet the requirements of 40 CFR 60.49b shall not include data substituted using the missing data procedures in 40 CFR 75 Subpart D, nor shall the data have been bias adjusted according to the procedures of 40 CFR 75. Subpart Db. [40 CFR 60.48b(b)(2)]

1309 Operate NOx continuous monitoring systems and record data during all periods of operation of the affected facility except for continuous monitoring system breakdowns and repairs. Record data during calibration checks, and zero and span adjustments. Subpart Db. [40 CFR 60.48b(c)]

1310 Follow the procedures under 40 CFR 60.13 and 40 CFR 60.48b(e)(1) through (e)(3) for installation, evaluation, and operation of the NOx and opacity continuous monitoring systems. Subpart Db. [40 CFR 60.48b(e)]

1311 When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks and zero and span adjustments, obtain emission data by using standby monitoring systems, 40 CFR 60, Appendix A, Method 7, Method 7a, or other approved reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days. Subpart Db. [40 CFR 60.48b(f)]

1312 Comply with the provisions of 40 CFR 60.48b(b), (c), (d), (e)(2), (e)(3), and (f), or monitor steam generating unit operating conditions and predict nitrogen oxides emission rates as specified in a plan submitted pursuant to 60.49b(c). Subpart Db. [40 CFR 60.48b(g)]

1313 Submit notification: Due as provided by 40 CFR 60.7. Submit a notification of the actual date of initial startup including design heat input capacity of the affected facility, identification of fuels to be combusted, copy of any federally enforceable requirement limiting annual capacity factor, and all other data as specified in 40 CFR 60.49b(a)(1) through (a)(4). Subpart Db. [40 CFR 60.49b(a)]

1314 Submit the performance test data from the initial performance test and the performance evaluation of the CEMS using the applicable performance specifications in 40 CFR 60 Appendix B to DEQ. Subpart Db. [40 CFR 60.49b(b)]

1315 Submit the maximum heat input capacity data from the demonstration of the maximum heat input capacity of the affected facility to DEQ. Subpart Db. [40 CFR 60.49b(b)]

EQT012 Steam Boiler - Subject to 40CFR60 Subpart Db

1316 Submit plan: Due within 360 days of initial startup to DEQ for approval. The plan must identify the operating conditions to be monitored under 40 CFR 60.48b(g)(2), the records to be maintained under 40 CFR 60.49b(g), and all other information as specified in 40 CFR 60.49b(c)(1) through (c)(3). If the plan is approved, maintain records of predicted nitrogen oxide emission rates and the monitored operating conditions, including steam generating unit load, identified in the plan. Subpart Db. [40 CFR 60.49b(c)]

1317 Fuel rate recordkeeping by electronic or hard copy daily. Record the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for the reporting period. Determine the annual capacity factor on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month. Subpart Db. [40 CFR 60.49b(d)]

1318 Fuel nitrogen content recordkeeping by electronic or hard copy at the regulation's specified frequency, and calculate the average fuel nitrogen content for the reporting period. Subpart Db. [40 CFR 60.49b(e)]

1319 Fuel nitrogen content monitored by the regulation's specified method(s) at the regulation's specified frequency. Determine the nitrogen content using the test method specified. Subpart Db. [40 CFR 60.49b(e)]
Which Months: All Year Statistical Basis: None specified

1320 Opacity recordkeeping by electronic or hard copy continuously. Subpart Db. [40 CFR 60.49b(f)]

1321 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of the information listed in 40 CFR 60.49b(g)(1) through (g)(10) for each steam generating unit operating day, except as provided under 40 CFR 60.49b(p). Subpart Db. [40 CFR 60.49b(g)]

1322 Submit excess emissions report: Due by the 30th day following the end of each six-month period. Report any excess emissions which occurred during the reporting period. Subpart Db. [40 CFR 60.49b(h)]

1323 Submit reports containing the nitrogen dioxide emission rate information recorded under 40 CFR 60.49b(g). Subpart Db. [40 CFR 60.49b(i)]

1324 Submit a report to DEQ containing the sulfur dioxide emission rate information listed in 40 CFR 60.49b(k)(1) through (k)(11). Subpart Db. [40 CFR 60.49b(k)]

1325 Submit a report to DEQ containing the sulfur dioxide emission rate information listed in 40 CFR 60.49b(l)(1) through (l)(9) for facilities combusting only very low sulfur oil. Subpart Db. [40 CFR 60.49b(l)]

1326 Submit the information listed in 40 CFR 60.49b(m)(1) through (m)(4) in addition to that required under 40 CFR 60.49b(k), for facilities for which the minimum amount of SO2 data required under 40 CFR 60.47b(f) were not obtained during the reporting period. Subpart Db. [40 CFR 60.49b(m)]

1327 Submit a signed statement with the report containing the fuel pretreatment information specified in 40 CFR 60.49b(n)(1) through (n)(4). Subpart Db. [40 CFR 60.49b(n)]

1328 Maintain all records required under 40 CFR 60.49b for a period of 2 years following the date of such record. Subpart Db. [40 CFR 60.49b(o)]

1329 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records of the calendar date, the number of hours of operation, and the hourly steam load for each steam generating unit operating day. Subpart Db. [40 CFR 60.49b(p)]

1330 Submit a report to DEQ containing the annual capacity factor over the previous 12 months, the average fuel nitrogen content during the reporting period if residual oil was fired, and all other applicable information per 40 CFR 60.49b(q)(1) through (q)(3). Subpart Db. [40 CFR 60.49b(q)]

1331 Fuel sulfur content recordkeeping by fuel certification receipts upon each occurrence of receipt from the fuel supplier certifying that the oil meets the definition of very low sulfur oil in 40 CFR 60.41b. Maintain the fuel receipts at the facility. Subpart Db. [40 CFR 60.49b(r)]

1332 Submit a report to DEQ certifying that only very low sulfur oil meeting the definition in 40 CFR 60.41b was combusted during the reporting period. Subpart Db. [40 CFR 60.49b(r)]

EQT013 Steam Boiler - Subject to 40CFR60 Subpart Dc

1333 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

EQT013 Steam Boiler - Subject to 40CFR60 Subpart Dc

1334 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

1335 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]

1336 Total suspended particulate <= 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified

1337 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified

1338 Sulfur dioxide <= 2000 ppmv at standard conditions. [LAC 33:III.1503.C]
Which Months: All Year Statistical Basis: Three-hour average

1339 Determine sulfur dioxide and sulfuric acid mist concentrations in stack gases using the methods in LAC 33:III.1503.D.Table 4. Use these methods for initial compliance determinations and for additional compliance determinations for those facilities not subject to continuous emission monitoring. [LAC 33:III.1503.D.1]

1340 Submit report: Due in writing to the Office of Environmental Compliance, Surveillance Division, within seven calendar days after startup. Submit report if requesting exemption from the provisions of LAC 33:III.1503.A. Explain the conditions and duration of the startup and list the steps necessary to remedy, prevent and limit the excess emissions. [LAC 33:III.1507.A.1]

1341 Submit report: Due in writing to the Office of Environmental Compliance, Surveillance Division, within seven calendar days of an upset which has caused excess emissions, and if on-line operating changes will eliminate a temporary condition. Submit report if requesting exemption from the emission limitations of LAC 33:III.1503.A. Explain the conditions and duration of the upset and list the steps necessary to remedy, prevent and limit the excess emissions. [LAC 33:III.1507.B.1]

1342 Control process gas streams by flaring or combustion. [LAC 33:III.1509]

1343 Sulfur dioxide monitored by continuous emission monitor (CEM) continuously. Ensure that the measurement system is certified according to Performance Specification 2 of 40 CFR 60, Appendix B, and quality assured by the procedures in 40 CFR 60, Appendix F. [LAC 33:III.1511.A]
Which Months: All Year Statistical Basis: None specified

1344 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

1345 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

1346 Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. [LAC 33:III.1513]

1347 Submit quarterly reports of three-hour excess emissions and reports of emergency conditions, in accordance with LAC 33:I.Chapter 39. [LAC 33:III.1513]

1348 Nonhalogenated hydrocarbon burning: Temperature >= 1300 F (704 degrees C) for 0.3 second or greater in a direct-flame afterburner or an equally effective device which achieves a removal efficiency of 95 percent or greater, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 50 ppm by volume, whichever is less stringent. [LAC 33:III.2115.A]
Which Months: All Year Statistical Basis: None specified

EQT013 Steam Boiler - Subject to 40CFR60 Subpart Dc

1349 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.B]
Which Months: All Year Statistical Basis: None specified

1350 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.C]
Which Months: All Year Statistical Basis: None specified

1351 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.D]
Which Months: All Year Statistical Basis: None specified

1352 VOC, Total <= 0.12 kg/1000 kg of product from the material recovery section. [LAC 33:III.2115.E]
Which Months: All Year Statistical Basis: None specified

1353 Halogenated hydrocarbons, total >= 95 % removal efficiency as determined in accordance with LAC 33:III.2115.J.1, by combustion or other methods specified in LAC 33:III.2115.G. If combusted, reduce the halogenated products of combustion to an emission level acceptable to DEQ. [LAC 33:III.2115.F]
Which Months: All Year Statistical Basis: None specified

1354 Determine compliance with LAC 33:III.2115.A through G by applying the test methods specified in LAC 33:III.2115.I.1 through 5, as appropriate. [LAC 33:III.2115.I]

1355 Demonstrate compliance with LAC 33:III.2115 as requested by DEQ. [LAC 33:III.2115.J.1]

1356 Install and maintain monitors to accurately measure and record operational parameters of all required control devices as necessary to ensure the proper functioning of those devices in accordance with design specifications. Monitor and record at a minimum the parameters listed in LAC 33:III.2115.J.2.a through e. [LAC 33:III.2115.J.2]

1357 Comply with LAC 33:III.2115 as soon as practicable but in no event later than August 20, 2003. Comply with the requirements of LAC 33:III.2115 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2115 as a result of a revision of LAC 33:III.2115. [LAC 33:III.2115.J]

1358 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.2115.K.1 through K.3. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

1359 Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

1360 Equipment/operational data <=_ appropriate units. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1361 Equipment/operational data monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1362 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total xxxxxxxxxxxxxxxxxxxxxx each month, as well as the total xxxxxxxxxxxxxxxx for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

1363 Submit report: Due annually, by the 31st of March. Report the xxxxxxxxxxxxxxxxxx for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

EQT013 Steam Boiler - Subject to 40CFR60 Subpart Dc

1364 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]

1365 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]

1366 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]

1367 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]

1368 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]

1369 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]

1370 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]

1371 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]

1372 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

1373 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]

1374 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]

1375 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]

1376 Fuel sulfur content <= 0.5 % by weight. Comply with this limitation at all times, including periods of startup, shutdown, and malfunction. Subpart Dc. [40 CFR 60.42c(d)]
Which Months: All Year Statistical Basis: None specified

1377 Sulfur dioxide >=_ % reduction. Comply with this limitation at all times, including periods of startup, shutdown, and malfunction. Subpart Dc. [40 CFR 60.42c]
Which Months: All Year Statistical Basis: Thirty-day rolling average

1378 Sulfur dioxide <=_ lb/MMBTU. Comply with this limitation at all times, including periods of startup, shutdown, and malfunction. Subpart Dc. [40 CFR 60.42c]
Which Months: All Year Statistical Basis: Thirty-day rolling average

1379 Opacity <= 20 percent except for one 6-minute period per hour of not more than 27% opacity. Comply with this limitation at all times, excluding periods of startup, shutdown, and malfunction. Subpart Dc. [40 CFR 60.43c(c)]
Which Months: All Year Statistical Basis: Six-minute average

1380 Particulate matter (10 microns or less) <=_ lb/MMBTU. Comply with this limitation at all times, except during periods of startup, shutdown, and malfunction. Subpart Dc. [40 CFR 60.43c]
Which Months: All Year Statistical Basis: None specified

1381 Conduct the performance tests required under 40 CFR 60.8 to demonstrate compliance with the SO2 standards following the procedures specified in 40 CFR 60.44c, except as provided in 40 CFR 60.8(b). Subpart Dc. [40 CFR 60.44c(a)]

1382 Demonstrate the maximum design heat input capacity of the steam generating unit by operating the steam generating unit at this capacity for 24 hours, if seeking to demonstrate compliance with the SO2 standards. Make this demonstration during the initial performance test. If the demonstrated 24-hour averaged firing rate is less than the maximum design heat input capacity stated by the manufacturer, use the demonstrated rate to determine the annual capacity factor. Subpart Dc. [40 CFR 60.44c(i)]

EQT013 Steam Boiler - Subject to 40CFR60 Subpart Dc

1383 Conduct an initial performance test as required under 40 CFR 60.8 and subsequent performance tests as required by DEQ to demonstrate compliance with the particulate matter standards following the procedures and reference methods specified in 40 CFR 60.45c(a)(1) through (a)(8). Subpart Dc. [40 CFR 60.45c(a)]

1384 Demonstrate the maximum design heat input capacity of the steam generating unit by operating the steam generating unit at this capacity for 24 hours, if seeking to demonstrate compliance with the particulate matter standards. Make this demonstration during the initial performance test, and at any other time requested. If the demonstrated 24-hour averaged firing rate is less than the maximum design heat input capacity stated by the manufacturer, use the demonstrated 24-hour average firing rate to determine the annual capacity factor. Subpart Dc. [40 CFR 60.45c(b)]

1385 Sulfur dioxide monitored by continuous emission monitor (CEM) continuously at the outlet of the SO2 control device (or the outlet of the steam generating unit if no SO2 control device is used), except as specified in 40 CFR 60.46c(d) and (e). Subpart Dc. [40 CFR 60.46c(a)]
Which Months: All Year Statistical Basis: One-hour average

1386 Sulfur dioxide recordkeeping by continuous emission monitor (CEM) continuously. Subpart Dc. [40 CFR 60.46c(a)]

1387 Oxygen or Carbon dioxide monitored by continuous emission monitor (CEM) continuously at the outlet of the SO2 control device (or the outlet of the steam generating unit if no SO2 control device is used), except as specified in 40 CFR 60.46c(d) and (e). Subpart Dc. [40 CFR 60.46c(a)]
Which Months: All Year Statistical Basis: One-hour average

1388 Oxygen or Carbon dioxide recordkeeping by continuous emission monitor (CEM) continuously. Subpart Dc. [40 CFR 60.46c(a)]

1389 Sulfur dioxide monitored by continuous emission monitor (CEM) continuously at the inlet and outlet of the SO2 control device, except as specified in 40 CFR 60.46c(d) and (e). Subpart Dc. [40 CFR 60.46c(a)]
Which Months: All Year Statistical Basis: One-hour average

1390 Sulfur dioxide recordkeeping by continuous emission monitor (CEM) continuously. Subpart Dc. [40 CFR 60.46c(a)]

1391 Oxygen or Carbon dioxide monitored by continuous emission monitor (CEM) continuously at the inlet and outlet of the SO2 control device, except as specified in 40 CFR 60.46c(d) and (e). Subpart Dc. [40 CFR 60.46c(a)]
Which Months: All Year Statistical Basis: One-hour average

1392 Oxygen or Carbon dioxide recordkeeping by continuous emission monitor (CEM) continuously. Subpart Dc. [40 CFR 60.46c(a)]

1393 Follow the procedures under 40 CFR 60.13 and 40 CFR 60.46c(c)(1) through (c)(4) for installation, evaluation, calibration and operation of the CEMS. Subpart Dc. [40 CFR 60.46c(c)]

1394 Fuel sulfur content monitored by 40 CFR 60, Appendix A, Method 19 daily. Collect coal or oil samples daily at the inlet to the steam generating unit and analyze for sulfur content. Subpart Dc. [40 CFR 60.46c(d)(1)]
Which Months: All Year Statistical Basis: None specified

1395 Heat content monitored by 40 CFR 60, Appendix A, Method 19 daily. Collect coal or oil samples daily at the inlet to the steam generating unit and analyze for heat content. Subpart Dc. [40 CFR 60.46c(d)(1)]
Which Months: All Year Statistical Basis: None specified

1396 Fuel sulfur content monitored by 40 CFR 60, Appendix A, Method 19 at the regulation's specified frequency. Collect oil samples immediately after the fuel tank is filled and before any oil is combusted and analyze for sulfur content. Subpart Dc. [40 CFR 60.46c(d)(2)]
Which Months: All Year Statistical Basis: None specified

1397 Sulfur dioxide monitored by 40 CFR 60, Appendix A, Method 6B continuously at the inlet or outlet of the SO2 control system. An initial stratification test is required to verify the adequacy of the Method 6 sampling location, as specified. Subpart Dc. [40 CFR 60.46c(d)(3)]
Which Months: All Year Statistical Basis: None specified

1398 Obtain emission data for at least 75 percent of the operating hours in at least 22 out of 30 successive steam generating unit operating days. If this minimum data requirement is not met with a single monitoring system, supplement the emission data with data collected with other monitoring systems as approved by DEQ. Subpart Dc. [40 CFR 60.46c(f)]

EQT013 Steam Boiler - Subject to 40CFR60 Subpart Dc

1399 Opacity monitored by continuous opacity monitor (COM) continuously. Operate COMS in accordance with the applicable procedures under Performance Specification 1 (Appendix b). The span value of the opacity COMS shall be between 60 and 80 percent. Subpart Dc. [40 CFR 60.47c]
Which Months: All Year Statistical Basis: None specified

1400 Opacity recordkeeping by continuous opacity monitor (COM) continuously. Subpart Dc. [40 CFR 60.47c]

1401 Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]

1402 Submit the performance test data from the initial and any subsequent performance tests, and, if applicable, the performance evaluation of the CEMS and/or COMS using the applicable performance specifications in 40 CFR 60 Appendix B. Subpart Dc. [40 CFR 60.48c(b)]

1403 Submit excess emissions report: Due semiannually, by the 30th day following the end of the reporting period. Report any excess opacity emissions which occur during the reporting period. Subpart Dc. [40 CFR 60.48c(c)]

1404 Submit reports: Due semiannually, by the 30th day following the end of the reporting period. Submit reports as required in 40 CFR 60.48c(d). Include the information specified in 40 CFR 60.48c(e)(1) through (e)(11). Subpart Dc. [40 CFR 60.48c(e)]

1405 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 60.48c(e)(1) through (e)(11). Subpart Dc. [40 CFR 60.48c(e)]

1406 Include in the fuel supplier certification required in 40 CFR 60.48c(e)(11) the information specified in 40 CFR 60.48c(f)(1) through (f)(3). Subpart Dc. [40 CFR 60.48c(f)]

1407 Fuel rate recordkeeping by electronic or hard copy daily. Keep records of the amount of each fuel combusted during each day. Subpart Dc. [40 CFR 60.48c(g)]

1408 Calculate the annual capacity factor individually for each fuel combusted based on a 12-month rolling average basis with a new annual capacity factor calculated at the end of the calendar month. Subpart Dc. [40 CFR 60.48c(h)]

1409 Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]

EQT014 Glycol Dehydration Reboiler

1410 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

1411 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

1412 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]

1413 Total suspended particulate <= 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified

1414 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified

1415 Sulfur dioxide <= 2000 ppmv at standard conditions. [LAC 33:III.1503.C]
Which Months: All Year Statistical Basis: Three-hour average

1416 Determine sulfur dioxide and sulfuric acid mist concentrations in stack gases using the methods in LAC 33:III.1503.D.Table 4. Use these methods for initial compliance determinations and for additional compliance determinations for those facilities not subject to continuous emission monitoring. [LAC 33:III.1503.D.1]

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1417 Submit report: Due in writing to the Office of Environmental Compliance, Surveillance Division, within seven calendar days after startup. Submit report if requesting exemption from the provisions of LAC 33:III.1503.A. Explain the conditions and duration of the startup and list the steps necessary to remedy, prevent and limit the excess emissions. [LAC 33:III.1507.A.1]

1418 Submit report: Due in writing to the Office of Environmental Compliance, Surveillance Division, within seven calendar days of an upset which has caused excess emissions, and if on-line operating changes will eliminate a temporary condition. Submit report if requesting exemption from the emission limitations of LAC 33:III.1503.A. Explain the conditions and duration of the upset and list the steps necessary to remedy, prevent and limit the excess emissions. [LAC 33:III.1507.B.1]

1419 Control process gas streams by flaring or combustion. [LAC 33:III.1509]

1420 Sulfur dioxide monitored by continuous emission monitor (CEM) continuously. Ensure that the measurement system is certified according to Performance Specification 2 of 40 CFR 60, Appendix B, and quality assured by the procedures in 40 CFR 60, Appendix F. [LAC 33:III.1511.A]
Which Months: All Year Statistical Basis: None specified

1421 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

1422 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

1423 Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. [LAC 33:III.1513]

1424 Submit quarterly reports of three-hour excess emissions and reports of emergency conditions, in accordance with LAC 33:I.Chapter 39. [LAC 33:III.1513]

1425 Nonhalogenated hydrocarbon burning: Temperature >= 1300 F (704 degrees C) for 0.3 second or greater in a direct-flame afterburner or an equally effective device which achieves a removal efficiency of 95 percent or greater, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 50 ppm by volume, whichever is less stringent. [LAC 33:III.2115.A]
Which Months: All Year Statistical Basis: None specified

1426 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.B]
Which Months: All Year Statistical Basis: None specified

1427 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.C]
Which Months: All Year Statistical Basis: None specified

1428 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.D]
Which Months: All Year Statistical Basis: None specified

1429 VOC, Total <= 0.12 kg/1000 kg of product from the material recovery section. [LAC 33:III.2115.E]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 122793 - Title V General Permit
Activity Number: PER20040001
Permit Number: General Permit
Air - Title V General Permit Initial

EQT014 Glycol Dehydration Reboiler

1430 Halogenated hydrocarbons, total >= 95 % removal efficiency as determined in accordance with LAC 33:III.2115.J.1, by combustion or other methods specified in LAC 33:III.2115.G. If combusted, reduce the halogenated products of combustion to an emission level acceptable to DEQ. [LAC 33:III.2115.F]
Which Months: All Year Statistical Basis: None specified

1431 Determine compliance with LAC 33:III.2115.A through G by applying the test methods specified in LAC 33:III.2115.I.1 through 5, as appropriate. [LAC 33:III.2115.I]

1432 Demonstrate compliance with LAC 33:III.2115 as requested by DEQ. [LAC 33:III.2115.J.1]

1433 Install and maintain monitors to accurately measure and record operational parameters of all required control devices as necessary to ensure the proper functioning of those devices in accordance with design specifications. Monitor and record at a minimum the parameters listed in LAC 33:III.2115.J.2.a through e. [LAC 33:III.2115.J.2]

1434 Comply with LAC 33:III.2115 as soon as practicable but in no event later than August 20, 2003. Comply with the requirements of LAC 33:III.2115 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2115 as a result of a revision of LAC 33:III.2115. [LAC 33:III.2115.J]

1435 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.2115.K.1 through K.3. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

1436 Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

1437 Equipment/operational data <=_ appropriate units. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1438 Equipment/operational data monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1439 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total xxxxxxxxxxxxxxxxxxxxxx each month, as well as the total xxxxxxxxxxxxxxxx for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

1440 Submit report: Due annually, by the 31st of March. Report the xxxxxxxxxxxxxxxxxx for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

1441 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]

1442 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]

1443 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]

1444 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]

1445 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]

1446 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]

1447 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]

1448 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]

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1449 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

1450 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]

1451 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]

1452 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]

1453 Fuel sulfur content <= 0.5 % by weight. Comply with this limitation at all times, including periods of startup, shutdown, and malfunction. Subpart Dc. [40 CFR 60.42c(d)]
Which Months: All Year Statistical Basis: None specified

1454 Sulfur dioxide >=_ % reduction. Comply with this limitation at all times, including periods of startup, shutdown, and malfunction. Subpart Dc. [40 CFR 60.42c]
Which Months: All Year Statistical Basis: Thirty-day rolling average

1455 Sulfur dioxide <=_ lb/MMBTU. Comply with this limitation at all times, including periods of startup, shutdown, and malfunction. Subpart Dc. [40 CFR 60.42c]
Which Months: All Year Statistical Basis: Thirty-day rolling average

1456 Opacity <= 20 percent except for one 6-minute period per hour of not more than 27% opacity. Comply with this limitation at all times, excluding periods of startup, shutdown, and malfunction. Subpart Dc. [40 CFR 60.43c(c)]
Which Months: All Year Statistical Basis: Six-minute average

1457 Particulate matter (10 microns or less) <=_ lb/MMBTU. Comply with this limitation at all times, except during periods of startup, shutdown, and malfunction. Subpart Dc. [40 CFR 60.43c]
Which Months: All Year Statistical Basis: None specified

1458 Conduct the performance tests required under 40 CFR 60.8 to demonstrate compliance with the SO2 standards following the procedures specified in 40 CFR 60.44c, except as provided in 40 CFR 60.8(b). Subpart Dc. [40 CFR 60.44c(a)]

1459 Demonstrate the maximum design heat input capacity of the steam generating unit by operating the steam generating unit at this capacity for 24 hours, if seeking to demonstrate compliance with the SO2 standards. Make this demonstration during the initial performance test. If the demonstrated 24-hour averaged firing rate is less than the maximum design heat input capacity stated by the manufacturer, use the demonstrated rate to determine the annual capacity factor. Subpart Dc. [40 CFR 60.44c(i)]

1460 Conduct an initial performance test as required under 40 CFR 60.8 and subsequent performance tests as required by DEQ to demonstrate compliance with the particulate matter standards following the procedures and reference methods specified in 40 CFR 60.45c(a)(1) through (a)(8). Subpart Dc. [40 CFR 60.45c(a)]

1461 Demonstrate the maximum design heat input capacity of the steam generating unit by operating the steam generating unit at this capacity for 24 hours, if seeking to demonstrate compliance with the particulate matter standards. Make this demonstration during the initial performance test, and at any other time requested. If the demonstrated 24-hour averaged firing rate is less than the maximum design heat input capacity stated by the manufacturer, use the demonstrated 24-hour average firing rate to determine the annual capacity factor. Subpart Dc. [40 CFR 60.45c(b)]

1462 Sulfur dioxide monitored by continuous emission monitor (CEM) continuously at the outlet of the SO2 control device (or the outlet of the steam generating unit if no SO2 control device is used), except as specified in 40 CFR 60.46c(d) and (e). Subpart Dc. [40 CFR 60.46c(a)]
Which Months: All Year Statistical Basis: One-hour average

1463 Sulfur dioxide recordkeeping by continuous emission monitor (CEM) continuously. Subpart Dc. [40 CFR 60.46c(a)]

1464 Oxygen or Carbon dioxide monitored by continuous emission monitor (CEM) continuously at the outlet of the SO2 control device (or the outlet of the steam generating unit if no SO2 control device is used), except as specified in 40 CFR 60.46c(d) and (e). Subpart Dc. [40 CFR 60.46c(a)]
Which Months: All Year Statistical Basis: One-hour average

1465 Oxygen or Carbon dioxide recordkeeping by continuous emission monitor (CEM) continuously. Subpart Dc. [40 CFR 60.46c(a)]

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1466 Sulfur dioxide monitored by continuous emission monitor (CEM) continuously at the inlet and outlet of the SO2 control device, except as specified in 40 CFR 60.46c(d) and (e). Subpart Dc. [40 CFR 60.46c(a)]
Which Months: All Year Statistical Basis: One-hour average

1467 Sulfur dioxide recordkeeping by continuous emission monitor (CEM) continuously. Subpart Dc. [40 CFR 60.46c(a)]

1468 Oxygen or Carbon dioxide monitored by continuous emission monitor (CEM) continuously at the inlet and outlet of the SO2 control device, except as specified in 40 CFR 60.46c(d) and (e). Subpart Dc. [40 CFR 60.46c(a)]
Which Months: All Year Statistical Basis: One-hour average

1469 Oxygen or Carbon dioxide recordkeeping by continuous emission monitor (CEM) continuously. Subpart Dc. [40 CFR 60.46c(a)]

1470 Follow the procedures under 40 CFR 60.13 and 40 CFR 60.46c(c)(1) through (c)(4) for installation, evaluation, calibration and operation of the CEMS. Subpart Dc. [40 CFR 60.46c(c)]

1471 Fuel sulfur content monitored by 40 CFR 60, Appendix A, Method 19 daily. Collect coal or oil samples daily at the inlet to the steam generating unit and analyze for sulfur content. Subpart Dc. [40 CFR 60.46c(d)(1)]
Which Months: All Year Statistical Basis: None specified

1472 Heat content monitored by 40 CFR 60, Appendix A, Method 19 daily. Collect coal or oil samples daily at the inlet to the steam generating unit and analyze for heat content. Subpart Dc. [40 CFR 60.46c(d)(1)]
Which Months: All Year Statistical Basis: None specified

1473 Fuel sulfur content monitored by 40 CFR 60, Appendix A, Method 19 at the regulation's specified frequency. Collect oil samples immediately after the fuel tank is filled and before any oil is combusted and analyze for sulfur content. Subpart Dc. [40 CFR 60.46c(d)(2)]
Which Months: All Year Statistical Basis: None specified

1474 Sulfur dioxide monitored by 40 CFR 60, Appendix A, Method 6B continuously at the inlet or outlet of the SO2 control system. An initial stratification test is required to verify the adequacy of the Method 6 sampling location, as specified. Subpart Dc. [40 CFR 60.46c(d)(3)]
Which Months: All Year Statistical Basis: None specified

1475 Obtain emission data for at least 75 percent of the operating hours in at least 22 out of 30 successive steam generating unit operating days. If this minimum data requirement is not met with a single monitoring system, supplement the emission data with data collected with other monitoring systems as approved by DEQ. Subpart Dc. [40 CFR 60.46c(f)]

1476 Opacity monitored by continuous opacity monitor (COM) continuously. Operate COMS in accordance with the applicable procedures under Performance Specification 1 (Appendix b). The span value of the opacity COMS shall be between 60 and 80 percent. Subpart Dc. [40 CFR 60.47c]
Which Months: All Year Statistical Basis: None specified

1477 Opacity recordkeeping by continuous opacity monitor (COM) continuously. Subpart Dc. [40 CFR 60.47c]

1478 Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]

1479 Submit the performance test data from the initial and any subsequent performance tests, and, if applicable, the performance evaluation of the CEMS and/or COMS using the applicable performance specifications in 40 CFR 60 Appendix B. Subpart Dc. [40 CFR 60.48c(b)]

1480 Submit excess emissions report: Due semiannually, by the 30th day following the end of the reporting period. Report any excess opacity emissions which occur during the reporting period. Subpart Dc. [40 CFR 60.48c(c)]

1481 Submit reports: Due semiannually, by the 30th day following the end of the reporting period. Submit reports as required in 40 CFR 60.48c(d). Include the information specified in 40 CFR 60.48c(e)(1) through (e)(11). Subpart Dc. [40 CFR 60.48c(e)]

1482 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 60.48c(e)(1) through (e)(11). Subpart Dc. [40 CFR 60.48c(e)]

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1483 Include in the fuel supplier certification required in 40 CFR 60.48c(e)(11) the information specified in 40 CFR 60.48c(f)(1) through (f)(3). Subpart Dc. [40 CFR 60.48c(f)]

1484 Fuel rate recordkeeping by electronic or hard copy daily. Keep records of the amount of each fuel combusted during each day. Subpart Dc. [40 CFR 60.48c(g)]

1485 Calculate the annual capacity factor individually for each fuel combusted based on a 12-month rolling average basis with a new annual capacity factor calculated at the end of the calendar month. Subpart Dc. [40 CFR 60.48c(h)]

1486 Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]

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1487 VOC, Total >= 70 % reduction using a control device. Demonstrate percent reduction using the methods found in LAC 33:III.2116.D. [LAC 33:III.2116.B.1.a]
Which Months: All Year Statistical Basis: None specified

1488 VOC, Total >= 85 % reduction using a control device. Demonstrate percent reduction using the methods found in LAC 33:III.2116.D. [LAC 33:III.2116.B.2]
Which Months: All Year Statistical Basis: None specified

1489 Determine compliance with LAC 33:III.2116.B using the methods in LAC 33:III.2116.D.1-5, as appropriate. [LAC 33:III.2116.D]

1490 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of the information specified in LAC 33:III.2116.F.1. [LAC 33:III.2116.F.1]

1491 Operating time recordkeeping by electronic or hard copy continuously. Keep records of the total hours of operation on an annual basis. [LAC 33:III.2116.F.4.a]

1492 Throughput recordkeeping by electronic or hard copy daily. Keep records of the actual throughput per day and the glycol circulation rate. [LAC 33:III.2116.F.4.b]

1493 Toxic air pollutants (TAP) >= 95 % destruction efficiency , by installing MACT. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1494 Determine benzene, toluene, ethylbenzene, and xylene (BTEX) and total VOC emissions using the approved methods in LAC 33:III.2116.D. [LAC 33:III.501.C.6]

1495 Equipment/operational data <=_ appropriate units. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1496 Equipment/operational data monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1497 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total xxxxxxxxxxxxxxxxxxxxxx each month, as well as the total xxxxxxxxxxxxxxxx for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

1498 Submit report: Due annually, by the 31st of March. Report the xxxxxxxxxxxxxxxxxx for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

1499 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]

1500 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]

1501 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]

1502 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]

1503 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]

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1504 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]

1505 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]

1506 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]

1507 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

1508 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]

1509 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]

1510 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]

1511 Maintain records as required in 40 CFR 63.10(b)(3). Subpart HHH. [40 CFR 63.1270(f)]

1512 Control air emissions by connecting the process vent to a control device or a combination of control devices through a closed-vent system. Subpart HHH. [40 CFR 63.1275(b)(1)(i)]

1513 Control air emissions by connecting the process vent to a control device or a combination of control devices through a closed-vent system. Subpart HHH. [40 CFR 63.1275(b)(1)(ii)]

1514 Control air emissions by connecting the process vent to a process natural gas line. Subpart HHH. [40 CFR 63.1275(c)(1)]

1515 Emissions to the atmosphere: HAP >= 95 % reduction through process modifications or a combination of process modifications and one or more control devices, in accordance with the requirements specified in Sec. 63.1281(e). Subpart HHH. [40 CFR 63.1275(c)(2)]
Which Months: All Year Statistical Basis: None specified

1516 Determine glycol dehydration unit baseline operations. Subpart HHH. [40 CFR 63.1281(e)(1)]

1517 Document, to DEQ's satisfaction, the conditions for which glycol dehydration unit baseline operations shall be modified to achieve the 95.0 percent overall HAP emission reduction, either through process modifications or through a combination of process modifications and one or more control devices. If a combination of process modifications and one or more control devices is used, establish the percent HAP reduction to be achieved by the control device to achieve an overall HAP emission reduction of 95.0 percent. Subpart HHH. [40 CFR 63.1281(e)(2)]

1518 Natural gas: Flow monitored by technically sound method continuously, with an accuracy of plus or minus 2 percent or better. Convert the annual natural gas flowrate to a daily average by dividing the annual flowrate by the number of days per year the glycol dehydration unit processed natural gas. Subpart HHH. [40 CFR 63.1282(a)(1)(i)]
Which Months: All Year Statistical Basis: None specified

1519 Document that the actual annual average natural gas flowrate to the glycol dehydration unit is less than 283.0 thousand standard cubic meters per day. Subpart HHH. [40 CFR 63.1282(a)(1)(ii)]

1520 Determine actual average benzene emissions using the model GRI-GLYCalc, Version 3.0 or higher, and the procedures presented in the associated GRI-GLYCalc Technical Reference Manual. Subpart HHH. [40 CFR 63.1282(a)(2)(i)]

1521 Determine an average mass rate of benzene emissions in kilograms per hour through direct measurement by performing three runs of Method 18 in 40 CFR part 60, appendix A (or an equivalent method), and averaging the results of the three runs. Determine annual emissions in kilograms per year by multiplying the mass rate by the number of hours the unit is operated per year. Convert this result to megagrams per year. Subpart HHH. [40 CFR 63.1282(a)(2)(ii)]

1522 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain the records specified in 40 CFR 63.1284(d)(1) or (d)(2), as appropriate, for each glycol dehydration unit that is not controlled according to the requirements of 40 CFR 63.1274(c). Subpart HHH. [40 CFR 63.1284(d)]

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1523 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in 40 CFR 63.1284(b) through (e). Subpart HHH. [40 CFR 63.1284]

1524 Maintain records as specified in 40 CFR 63.10(b)(3). Subpart HH. [40 CFR 63.760(e)]

1525 Control air emissions by connecting the process vent to a control device or a combination of control devices through a closed-vent system. Subpart HH. [40 CFR 63.765(b)(1)(i)]

1526 Control air emissions by connecting the process vent to a control device or a combination of control devices through a closed-vent system. Subpart HH. [40 CFR 63.765(b)(1)(ii)]

1527 Control air emissions by connecting the process vent to a process natural gas line. Subpart HH. [40 CFR 63.765(c)(1)]

1528 Emissions to the atmosphere: HAP >= 95 % reduction through process modifications, or a combination of process modifications and one or more control devices, in accordance with the requirements specified in 40 CFR 63.771(e). Subpart HH. [40 CFR 63.765(c)(2)]
Which Months: All Year Statistical Basis: None specified

1529 Determine glycol dehydration unit baseline operations. Subpart HH. [40 CFR 63.771(e)(1)]

1530 Document, to DEQ's satisfaction, the conditions for which glycol dehydration unit baseline operations shall be modified to achieve the 95.0 percent overall HAP emission reduction, either through process modifications or through a combination of process modifications and one or more control devices. If a combination of process modifications and one or more control devices is used, establish the percent HAP reduction to be achieved by the control device to achieve an overall HAP emission reduction of 95.0 percent. Subpart HH. [40 CFR 63.771(e)(2)]

1531 Natural gas: Flow monitored by technically sound method continuously, with an accuracy of plus or minus 2 percent or better. Convert the annual natural gas flowrate to a daily average by dividing the annual flowrate by the number of days per year the glycol dehydration unit processed natural gas. Subpart HH. [40 CFR 63.772(b)(1)(i)]
Which Months: All Year Statistical Basis: None specified

1532 Document that the actual annual average natural gas flowrate to the glycol dehydration unit is less than 85 thousand standard cubic meters per day. Subpart HH. [40 CFR 63.772(b)(1)(ii)]

1533 Determine actual average benzene emissions using the model GRI-GLYCalc, Version 3.0 or higher, and the procedures presented in the associated GRI-GLYCalc Technical Reference Manual. Subpart HH. [40 CFR 63.772(b)(2)(i)]

1534 Determine an average mass rate of benzene emissions in kilograms per hour through direct measurement by performing three runs of Method 18 in 40 CFR part 60, appendix A (or an equivalent method), and averaging the results of the three runs. Determine annual emissions in kilograms per year by multiplying the mass rate by the number of hours the unit is operated per year. Convert this result to megagrams per year. Subpart HH. [40 CFR 63.772(b)(2)(ii)]

1535 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in 40 CFR 63.774(b) through (e). Subpart HH. [40 CFR 63.774]

EQT016 Stationary Internal Combustion Engine

1536 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

1537 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

EQT016 Stationary Internal Combustion Engine

1538 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average

1539 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average

1540 Sulfur dioxide <= 2000 ppmv at standard conditions. [LAC 33:III.1503.C]
Which Months: All Year Statistical Basis: Three-hour average

1541 Determine sulfur dioxide and sulfuric acid mist concentrations in stack gases using the methods in LAC 33:III.1503.D.Table 4. Use these methods for initial compliance determinations and for additional compliance determinations for those facilities not subject to continuous emission monitoring. [LAC 33:III.1503.D.1]

1542 Submit report: Due in writing to the Office of Environmental Compliance, Surveillance Division, within seven calendar days after startup. Submit report if requesting exemption from the provisions of LAC 33:III.1503.A. Explain the conditions and duration of the startup and list the steps necessary to remedy, prevent and limit the excess emissions. [LAC 33:III.1507.A.1]

1543 Submit report: Due in writing to the Office of Environmental Compliance, Surveillance Division, within seven calendar days of an upset which has caused excess emissions, and if on-line operating changes will eliminate a temporary condition. Submit report if requesting exemption from the emission limitations of LAC 33:III.1503.A. Explain the conditions and duration of the upset and list the steps necessary to remedy, prevent and limit the excess emissions. [LAC 33:III.1507.B.1]

1544 Control process gas streams by flaring or combustion. [LAC 33:III.1509]

1545 Sulfur dioxide monitored by continuous emission monitor (CEM) continuously. Ensure that the measurement system is certified according to Performance Specification 2 of 40 CFR 60, Appendix B, and quality assured by the procedures in 40 CFR 60, Appendix F. [LAC 33:III.1511.A]
Which Months: All Year Statistical Basis: None specified

1546 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

1547 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

1548 Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. [LAC 33:III.1513]

1549 Submit quarterly reports of three-hour excess emissions and reports of emergency conditions, in accordance with LAC 33:I.Chapter 39. [LAC 33:III.1513]

1550 Nitrogen oxides <=_ lb/MMBTU. [LAC 33:III.2201.D.1]
Which Months: May-Sep Statistical Basis: Thirty-day rolling average

1551 Nitrogen oxides <=_ tons/day. [LAC 33:III.2201.D]
Which Months: May-Sep Statistical Basis: Thirty-day rolling average

1552 Nitrogen oxides monitored by technically sound method continuously. [LAC 33:III.2201.D]
Which Months: May-Sep Statistical Basis: Thirty-day rolling average

1553 Demonstrate compliance with the facility-wide averaging plan using either the method in LAC 33:III.2201.E.1.b.i or the method in LAC 33:III.2201.E.1.b.ii. [LAC 33:III.2201.E.1.b]

1554 Demonstrate compliance with the facility-wide averaging plan using either the method in LAC 33:III.2201.E.1.c.i or the method in LAC 33:III.2201.E.1.c.ii. [LAC 33:III.2201.E.1.c]

EQT016 Stationary Internal Combustion Engine

1555 Test NOx emissions after each occurrence of catalyst replacement. Maintain documentation on-site, if practical, of the date, the person doing the test, and the test results. Make documentation available for inspection upon request. [LAC 33:III.2201.H.10]

1556 Fuel recordkeeping by totalizing meter continuously. Record the fuel input for each affected point source during each ozone season. [LAC 33:III.2201.H.11]

1557 Fuel monitored by totalizer continuously. Monitor fuel input using a totalizing fuel meter. [LAC 33:III.2201.H.11]
Which Months: May-Sep Statistical Basis: None specified

1558 Submit notification: Due to DEQ within seven days if the BTU-per-ozone season limit is exceeded. [LAC 33:III.2201.H.11]

1559 Submit permit modification: Due within 90 days after receipt of notification from DEQ of the loss of exemption due to exceedance of the BTU-per-ozone season limit. Submit a permit modification detailing how to meet the applicable emission factor as soon as possible, but no later than 24 months, after exceeding the limit. Include a schedule of increments of progress for the installation and operation of the required control equipment. [LAC 33:III.2201.H.11]

1560 Operating time recordkeeping by the regulation's specified method(s) continuously. Record the operating time with a nonresettable, elapsed run-time meter. [LAC 33:III.2201.H.12]

1561 Submit notification: Due within seven days if the hours-per-ozone season limit is exceeded. [LAC 33:III.2201.H.12]

1562 Submit permit modification: Due within 90 days after receipt of notification from DEQ of the loss of exemption due to exceedance of the hours-per-ozone season limit. Submit a permit modification detailing how to meet the applicable emission factor as soon as possible, but no later than 24 months, after exceeding the limit. Include a schedule of increments of progress for the installation and operation of the required control equipment. [LAC 33:III.2201.H.12]

1563 Fuel monitored by totalizer continuously. Monitor fuel usage with a totalizing fuel meter. [LAC 33:III.2201.H.4.a]
Which Months: May-Sep Statistical Basis: None specified

1564 Perform annual testing for NOx and CO with an approved portable analyzer. [LAC 33:III.2201.H.4.a]

1565 Perform triennial stack testing for NOx and CO in accordance with the methods specified in LAC:III.2201.G.5. [LAC 33:III.2201.H.4.a]

1566 Operate the engine within the fuel limits established during the initial compliance run. [LAC 33:III.2201.H.4.a]

1567 Fuel monitored by totalizer continuously. Monitor fuel usage with a totalizing fuel meter. [LAC 33:III.2201.H.4.b]
Which Months: May-Sep Statistical Basis: None specified

1568 Diluent - either Oxygen or Carbon dioxide monitored by the regulation's specified method(s) continuously. Monitor oxygen or carbon dioxide using a diluent monitor in accordance with the requirements of LAC 33:III.2201.H.1.b.ii. [LAC 33:III.2201.H.4.b]
Which Months: May-Sep Statistical Basis: None specified

1569 Nitrogen oxides monitored by continuous emission monitor (CEM) continuously. [LAC 33:III.2201.H.4.b]
Which Months: May-Sep Statistical Basis: None specified

1570 Carbon monoxide monitored by the regulation's specified method(s) continuously. Monitor carbon monoxide using a CO monitor. [LAC 33:III.2201.H.4.b]
Which Months: May-Sep Statistical Basis: None specified

1571 Nitrogen oxides monitored by the regulation's specified method(s) continuously. Predict NOx, diluent (O2 or CO2), and CO emissions for each affected point source using a PEMS. Operate PEMS in accordance with the requirements of LAC 33:III.2201.H.1.b.v. [LAC 33:III.2201.H.4.b]
Which Months: May-Sep Statistical Basis: None specified

1572 Nitrogen oxides monitored by continuous emission monitor (CEM) continuously. [LAC 33:III.2201.H.7]
Which Months: May-Sep Statistical Basis: None specified

1573 Carbon monoxide monitored by the regulation's specified method(s) continuously. Monitor carbon monoxide using a CO monitor. [LAC 33:III.2201.H.7]
Which Months: May-Sep Statistical Basis: None specified

1574 Fuel recordkeeping by electronic or hard copy daily. Record fuel gas composition. [LAC 33:III.2201.H.9]

SPECIFIC REQUIREMENTS

AI ID: 122793 - Title V General Permit
Activity Number: PER20040001
Permit Number: General Permit
Air - Title V General Permit Initial

EQT016 Stationary Internal Combustion Engine

1575 Fuel monitored by the regulation's specified method(s) daily. Analyze the fuel gas composition according to the methods listed in LAC 33:III.2201.G.5.g. [LAC 33:III.2201.H.9]
Which Months: May-Sep Statistical Basis: None specified

1576 Submit Notification: Due at least 30 days prior to any compliance testing conducted under LAC 33:III.2201.G and any CEMS or PEMS performance evaluation conducted under LAC 33:III.2201.H in order to give DEQ an opportunity to conduct a pretest meeting and observe the emission testing. [LAC 33:III.2201.I.1]

1577 Submit test results: Due within 60 days after completing the emission testing required in LAC 33:III.2201.I.1. [LAC 33:III.2201.I.1]

1578 Submit report: Due within 90 days of the end of each quarter for any noncompliance of the applicable emission limitations of LAC 33:III.2201.D or E. Include the information specified in LAC 33:III.2201.I.2.a through I.2.d. [LAC 33:III.2201.I.2]

1579 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records of the information specified in LAC 33:III.2201.I.3 and I.4 as applicable. [LAC 33:III.2201.I]

1580 Nitrogen oxides <=_ lb/MMBTU. [LAC 33:III.2202.B]
Which Months: May-Sep Statistical Basis: Thirty-day rolling average

1581 Equipment/operational data <=_ appropriate units. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1582 Equipment/operational data monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1583 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total xxxxxxxxxxxxxxxxxxxxxx each month, as well as the total xxxxxxxxxxxxxxxx for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

1584 Submit report: Due annually, by the 31st of March. Report the xxxxxxxxxxxxxxxxxx for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

1585 Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing. [LAC 33:III.501.C.6]

1586 Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. [LAC 33:III.501.C.6]

1587 Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shakedown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Repeat the test after each major engine overhaul. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.501.C.6]

1588 Stack gas concentration: Nitrogen oxides monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of NOx in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1589 Stack gas concentration: Carbon monoxide monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of CO in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

EQT016 Stationary Internal Combustion Engine

1590 Stack gas concentration: Oxygen monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of O2 in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1591 Equipment/operational data recordkeeping by electronic or hard copy semiannually. Recorded parameters are NOx, CO and O2 concentrations in the stack gas obtained during semiannual testing. [LAC 33:III.501.C.6]

1592 Equipment/operational data monitored by technically sound method daily at manned stations, otherwise weekly. Maintain monitored parameters (intake manifold temperature and pressure, fuel header pressure, engine speed, and spark ignition timing) in the same range as during the initial stack test. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1593 Equipment/operational data recordkeeping by electronic or hard copy daily at manned stations, otherwise weekly. Recorded parameters are intake manifold temperature and pressure, fuel header pressure, engine speed, and spark ignition timing. [LAC 33:III.501.C.6]

1594 Equipment/operational data monitored by technically sound method daily at manned stations, otherwise weekly. Maintain monitored parameters (intake manifold temperature and pressure, fuel header pressure, diesel rack position (fuel flow), and injector timing) in the same range as during the initial stack test. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1595 Equipment/operational data recordkeeping by electronic or hard copy daily at manned stations, otherwise weekly. Recorded parameters are intake manifold temperature and pressure, fuel header pressure, diesel rack position (fuel flow), and injector timing. [LAC 33:III.501.C.6]

1596 Demonstrate compliance with CO and NOX emission limits of this permit by performing semiannual preventive maintenance analysis and necessary adjustment to maintain compressor/engine performance and emissions in the same range as the initial stack test. Include in this analysis a complete compressor/engine unit performance testing for the natural gas fired internal combustion engine. Include in periodic engine analysis the following: 1) Setup, calibrate, and synchronize the performance analysis equipment per manufacturer¿s specification. Submit a procedural write up to LDEQ and keep on site. 2) Perform a power cylinder performance analysis with checks for combustion stability, peak pressure angle, detection of misfires, detonation, and pre-ignition. 3) Perform a primary and secondary ignition analysis including checking the ignition timing on each spark plug. 4) Perform a vibration analysis for the detection of mechanical problems such as worn leaking piston rings, piston/cylinder wear, fuel injection problems, etc. 5) Perform a compressor end analysis for detection of leaking valves or rings, or unnecessary recirculation of gas. 6) Check and record the IHP (indicated horsepower) on each end of each compressor cylinder. Determine the compressor load. Observe the PT (pressure vs. time) pattern, the PV (pressure vs. volume) pattern, and vibration traces on the analyzer oscilloscope. Take pictures of these traces for each cylinder. 7) Check and record the BMEP (brake mean effective pressure) on all power cylinders and check all hydraulic lifter adjustments. 8) Balance the load on all power cylinders by indicated horsepower. 9) Reread the IHP on each power cylinder and take pictures of the traces of each cylinder (e.g., PT, PV, and vibration). [LAC 33:III.501.C.6]

1597 Equipment/operational data recordkeeping by electronic or hard copy semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Report contains a complete performance and condition analysis, adjustments made, and list for future repairs and/or maintenance work, including scheduled date. [LAC 33:III.501.C.6]

1598 Stack gas concentration: Nitrogen oxides monitored by portable analyzer annually (twelve months after the stack test or previous annual test, plus or minus 30 days). Maintain concentrations of NOx in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1599 Stack gas concentration: Carbon monoxide monitored by portable analyzer annually (twelve months after the stack test or previous annual test, plus or minus 30 days). Maintain concentrations of CO in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1600 Stack gas concentration: Oxygen monitored by portable analyzer annually (twelve months after the stack test or previous annual test, plus or minus 30 days). Maintain concentrations of O2 in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1601 Equipment/operational data recordkeeping by electronic or hard copy annually. Recorded parameters are NOx, CO and O2 concentrations in the stack gas obtained during annual testing. [LAC 33:III.501.C.6]

EQT016 Stationary Internal Combustion Engine

1602 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]

1603 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]

1604 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]

1605 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]

1606 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]

1607 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]

1608 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]

1609 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]

1610 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

1611 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]

1612 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]

1613 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]

EQT017 Loading Apparatus

1614 Sulfur dioxide <= 2000 ppmv at standard conditions. [LAC 33:III.1503.C]
Which Months: All Year Statistical Basis: Three-hour average

1615 Determine sulfur dioxide and sulfuric acid mist concentrations in stack gases using the methods in LAC 33:III.1503.D.Table 4. Use these methods for initial compliance determinations and for additional compliance determinations for those facilities not subject to continuous emission monitoring. [LAC 33:III.1503.D.1]

1616 Submit report: Due in writing to the Office of Environmental Compliance, Surveillance Division, within seven calendar days after startup. Submit report if requesting exemption from the provisions of LAC 33:III.1503.A. Explain the conditions and duration of the startup and list the steps necessary to remedy, prevent and limit the excess emissions. [LAC 33:III.1507.A.1]

1617 Submit report: Due in writing to the Office of Environmental Compliance, Surveillance Division, within seven calendar days of an upset which has caused excess emissions, and if on-line operating changes will eliminate a temporary condition. Submit report if requesting exemption from the emission limitations of LAC 33:III.1503.A. Explain the conditions and duration of the upset and list the steps necessary to remedy, prevent and limit the excess emissions. [LAC 33:III.1507.B.1]

1618 Control process gas streams by flaring or combustion. [LAC 33:III.1509]

1619 Sulfur dioxide monitored by continuous emission monitor (CEM) continuously. Ensure that the measurement system is certified according to Performance Specification 2 of 40 CFR 60, Appendix B, and quality assured by the procedures in 40 CFR 60, Appendix F. [LAC 33:III.1511.A]
Which Months: All Year Statistical Basis: None specified

EQT017 Loading Apparatus

1620 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

1621 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

1622 Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. [LAC 33:III.1513]

1623 Submit quarterly reports of three-hour excess emissions and reports of emergency conditions, in accordance with LAC 33:I.Chapter 39. [LAC 33:III.1513]

1624 Equip with a vapor collection system consisting of, at a minimum, a vapor return line which returns all vapors displaced during loading to the VOC dispensing vessel or to a disposal system. [LAC 33:III.2107.B]

1625 VOC, Total >= 90 % DRE, using a vapor disposal system. [LAC 33:III.2107.B]
Which Months: All Year Statistical Basis: None specified

1626 Prevent spills during the attachment and disconnection of filling lines or arms. Equip loading and vapor lines with fittings which close automatically when disconnected, or equip to permit residual VOC in the loading line to discharge into a collection system or disposal or recycling system. [LAC 33:III.2107.B]

1627 VOC, Total monitored by visual, audible, and/or olfactory during loading or unloading, to detect leaks. [LAC 33:III.2107.C]
Which Months: All Year Statistical Basis: None specified

1628 Discontinue loading or unloading through the affected transfer lines when a leak is observed; do not resume loading or unloading until the observed leak is repaired. [LAC 33:III.2107.C]

1629 VOC, Total: Throughput recordkeeping by electronic or hard copy daily. [LAC 33:III.2107.D.1]

1630 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2107.D.1 and 2. [LAC 33:III.2107.D]

1631 Determine compliance with LAC 33:III.2107.B using the methods in LAC 33:III.2107.E.1 through 5, as appropriate. [LAC 33:III.2107.E]

1632 Equip with a vapor collection system designed to collect the organic compounds vapors displaced from ships and/or barges during loading. [LAC 33:III.2108.C.1]

1633 VOC, Total >= 90 % reduction by weight by collecting and processing the vapors with a recovery and/or destruction system. [LAC 33:III.2108.C.2]
Which Months: All Year Statistical Basis: None specified

1634 Barge loading of gasoline: Total Organic Compounds (TOC) <= 70 mg/l of VOC loaded (0.6 lb/1000 gal). [LAC 33:III.2108.C.3.a]
Which Months: All Year Statistical Basis: None specified

1635 Barge loading of crude oil or other VOCs: Total Organic Compounds (TOC) <= 30 mg/l of VOC loaded (0.25 lb/1000 gal). [LAC 33:III.2108.C.3.b]
Which Months: All Year Statistical Basis: None specified

1636 Ship loading of gasoline: Total Organic Compounds (TOC) <= 30 mg/l of VOC loaded (0.25 lb/1000 gal). [LAC 33:III.2108.C.3.c]
Which Months: All Year Statistical Basis: None specified

1637 Ship loading of crude oil or other VOCs: Total Organic Compounds (TOC) <= 12 mg/l of VOC loaded (0.1 lb/1000 gal). [LAC 33:III.2108.C.3.d]
Which Months: All Year Statistical Basis: None specified

1638 Load only into ships and/or barges equipped with vapor collection equipment that is compatible with the affected facility's vapor collection system. [LAC 33:III.2108.C.5]

1639 Properly connect the vapor collection and disposal system to the ships and/or barges before any loading is done. [LAC 33:III.2108.C.6]

1640 Comply with the requirements of LAC 33:III.2108 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2108 as a result of a revision of LAC 33:III.2108. [LAC 33:III.2108.D.4]

SPECIFIC REQUIREMENTS

AI ID: 122793 - Title V General Permit
Activity Number: PER20040001
Permit Number: General Permit
Air - Title V General Permit Initial

EQT017 Loading Apparatus

1641 Determine compliance with LAC 33:III.2108.C.3 using the methods in LAC 33:III.2108.E.1-5, as appropriate. [LAC 33:III.2108.E]

1642 Submit test results: Due to the Office of Environmental Assessment, Environmental Technology Division within 45 days of any testing done in accordance with LAC 33:III.2108.E. [LAC 33:III.2108.F.1]

1643 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2108.F.2.a-e, as applicable. [LAC 33:III.2108.F.2]

1644 Loading gasoline, crude oil or other VOCs into ships or barges is prohibited unless all loading and vapor lines, arms and hoses are equipped with fittings which make vapor-tight connections and provide tight shut-off when disconnected. [LAC 33:III.2108.G.1]

1645 Prevent spills or leaks during attachment or disconnection of filling lines, hoses or arms. Do not spill liquids or handle in any other manner that would result in evaporation to the atmosphere. [LAC 33:III.2108.G.2]

1646 Maintain all equipment associated with the loading of gasoline, crude oil or other VOC into ships or barges to be leak-free, gas-tight and in good working order. [LAC 33:III.2108.G.3]

1647 Equipment/operational data <=_ appropriate units. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1648 Equipment/operational data monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1649 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total xxxxxxxxxxxxxxxxxxxxx each month, as well as the total xxxxxxxxxxxxxxxx for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

1650 Submit report: Due annually, by the 31st of March. Report the xxxxxxxxxxxxxxxxxx for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

1651 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]

1652 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]

1653 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]

1654 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]

1655 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]

1656 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]

1657 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]

1658 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]

1659 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

1660 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]

EQT017 Loading Apparatus

1661 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]

1662 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]

EQT018 Amine Sweetening Unit

1663 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

1664 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

1665 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]

1666 Total suspended particulate <= 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified

1667 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified

1668 Sulfur dioxide <= 2000 ppmv at standard conditions. [LAC 33:III.1503.C]
Which Months: All Year Statistical Basis: Three-hour average

1669 Determine sulfur dioxide and sulfuric acid mist concentrations in stack gases using the methods in LAC 33:III.1503.D.Table 4. Use these methods for initial compliance determinations and for additional compliance determinations for those facilities not subject to continuous emission monitoring. [LAC 33:III.1503.D.1]

1670 Submit report: Due in writing to the Office of Environmental Compliance, Surveillance Division, within seven calendar days after startup. Submit report if requesting exemption from the provisions of LAC 33:III.1503.A. Explain the conditions and duration of the startup and list the steps necessary to remedy, prevent and limit the excess emissions. [LAC 33:III.1507.A.1]

1671 Submit report: Due in writing to the Office of Environmental Compliance, Surveillance Division, within seven calendar days of an upset which has caused excess emissions, and if on-line operating changes will eliminate a temporary condition. Submit report if requesting exemption from the emission limitations of LAC 33:III.1503.A. Explain the conditions and duration of the upset and list the steps necessary to remedy, prevent and limit the excess emissions. [LAC 33:III.1507.B.1]

1672 Control process gas streams by flaring or combustion. [LAC 33:III.1509]

1673 Sulfur dioxide monitored by continuous emission monitor (CEM) continuously. Ensure that the measurement system is certified according to Performance Specification 2 of 40 CFR 60, Appendix B, and quality assured by the procedures in 40 CFR 60, Appendix F. [LAC 33:III.1511.A]
Which Months: All Year Statistical Basis: None specified

1674 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

1675 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT018 Amine Sweetening Unit

1676 Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. [LAC 33:III.1513]

1677 Submit quarterly reports of three-hour excess emissions and reports of emergency conditions, in accordance with LAC 33:I.Chapter 39. [LAC 33:III.1513]

1678 Nonhalogenated hydrocarbon burning: Temperature >= 1300 F (704 degrees C) for 0.3 second or greater in a direct-flame afterburner or an equally effective device which achieves a removal efficiency of 95 percent or greater, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 50 ppm by volume, whichever is less stringent. [LAC 33:III.2115.A]
Which Months: All Year Statistical Basis: None specified

1679 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.B]
Which Months: All Year Statistical Basis: None specified

1680 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.C]
Which Months: All Year Statistical Basis: None specified

1681 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.D]
Which Months: All Year Statistical Basis: None specified

1682 VOC, Total <= 0.12 kg/1000 kg of product from the material recovery section. [LAC 33:III.2115.E]
Which Months: All Year Statistical Basis: None specified

1683 Halogenated hydrocarbons, total >= 95 % removal efficiency as determined in accordance with LAC 33:III.2115.J.1, by combustion or other methods specified in LAC 33:III.2115.G. If combusted, reduce the halogenated products of combustion to an emission level acceptable to DEQ. [LAC 33:III.2115.F]
Which Months: All Year Statistical Basis: None specified

1684 Determine compliance with LAC 33:III.2115.A through G by applying the test methods specified in LAC 33:III.2115.I.1 through 5, as appropriate. [LAC 33:III.2115.I]

1685 Demonstrate compliance with LAC 33:III.2115 as requested by DEQ. [LAC 33:III.2115.J.1]

1686 Install and maintain monitors to accurately measure and record operational parameters of all required control devices as necessary to ensure the proper functioning of those devices in accordance with design specifications. Monitor and record at a minimum the parameters listed in LAC 33:III.2115.J.2.a through e. [LAC 33:III.2115.J.2]

1687 Comply with LAC 33:III.2115 as soon as practicable but in no event later than August 20, 2003. Comply with the requirements of LAC 33:III.2115 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2115 as a result of a revision of LAC 33:III.2115. [LAC 33:III.2115.J]

1688 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.2115.K.1 through K.3. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

1689 Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

EQT018 Amine Sweetening Unit

1690 Equipment/operational data <=_ appropriate units. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1691 Equipment/operational data monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1692 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total xxxxxxxxxxxxxxxxxxxxxx each month, as well as the total xxxxxxxxxxxxxxxx for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

1693 Submit report: Due annually, by the 31st of March. Report the xxxxxxxxxxxxxxxxxx for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

1694 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]

1695 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]

1696 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]

1697 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]

1698 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]

1699 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]

1700 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]

1701 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]

1702 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

1703 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]

1704 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]

1705 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]

1706 Sulfur dioxide >=_ % reduction efficiency during the initial performance test required by 40 CFR 60.8. Subpart LLL. [40 CFR 60.642(a)]
Which Months: All Year Statistical Basis: None specified

1707 Sulfur dioxide >=_ % reduction efficiency after demonstrating compliance with 40 CFR 60.642(a). Subpart LLL. [40 CFR 60.642(b)]
Which Months: All Year Statistical Basis: None specified

1708 Determine compliance with the standards for sulfur dioxide specified in 40 CFR 60.642(a) by comparing the minimum required sulfur dioxide emission reduction efficiency (Z) to the emission reduction efficiency (R) achieved by the sulfur recovery technology, as specified. Subpart LLL. [40 CFR 60.643(a)]

1709 Determine the emission reduction efficiency (R) achieved by the sulfur reduction technology using the procedures in 40 CFR 60.644(c)(1). Subpart LLL. [40 CFR 60.643(b)]

EQT018 Amine Sweetening Unit

1710 Conduct the performance tests required in 40 CFR 60.8 using as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures specified in 40 CFR 60.644, except as provided in 40 CFR 60.8(b). Subpart LLL. [40 CFR 60.644]

1711 Product accumulation: Sulfur monitored by the regulation's specified method(s) daily. The monitoring method may incorporate the use of an instrument to measure the liquid sulfur production rate, or may be a procedure for measuring the sulfur liquid levels in the storage tanks with a level indicator or by manual soundings, with subsequent calculation of the sulfur production rate based on the tank geometry, stored sulfur density, and elapsed time between readings. Subpart LLL. [40 CFR 60.646(a)(1)]
Which Months: All Year Statistical Basis: None specified

1712 Product accumulation: Sulfur recordkeeping by electronic or hard copy daily. Subpart LLL. [40 CFR 60.646(a)(1)]

1713 Hydrogen sulfide monitored by the regulation's specified method(s) daily. Monitor the H2S concentration in the acid gas from the sweetening unit. Collect and analyze at least one sample per 24-hour period using the method specified in 40 CFR 60.644(b)(1). Subpart LLL. [40 CFR 60.646(a)(2)]
Which Months: All Year Statistical Basis: None specified

1714 Hydrogen sulfide recordkeeping by electronic or hard copy daily. Record the H2S concentration in the acid gas from the sweetening unit. Subpart LLL. [40 CFR 60.646(a)(2)]

1715 Acid gas: Flow monitored by flow rate monitoring device continuously from the sweetening unit. Subpart LLL. [40 CFR 60.646(a)(3)]
Which Months: All Year Statistical Basis: None specified

1716 Acid gas: Flow recordkeeping by electronic or hard copy hourly. Compute the average acid gas flow rate from the individual readings. Subpart LLL. [40 CFR 60.646(a)(3)]

1717 Compute the sulfur feed rate (X) for each 24-hour period using the equation in 40 CFR 60.644(b)(3). Subpart LLL. [40 CFR 60.646(a)(4)]

1718 Determine the required sulfur dioxide emission reduction efficiency in accordance with the provisions of 40 CFR 60.642(b) using the sulfur feed rate and the H2S concentration in the acid gas for the 24-hour period as applicable. Subpart LLL. [40 CFR 60.646(a)(5)]

1719 Total Sulfur emission rate (E) of Sulfur dioxide monitored by CMS continuously, as specified. Subpart LLL. [40 CFR 60.646(b)(1)]
Which Months: All Year Statistical Basis: None specified

1720 Temperature monitored by temperature monitoring device continuously, as specified, except as provided in 40 CFR 60.646(b)(3). Subpart LLL. [40 CFR 60.646(b)(2)]
Which Months: All Year Statistical Basis: None specified

1721 Reduced Sulfur monitored by continuous emission monitor (CEM) continuously, as specified. Subpart LLL. [40 CFR 60.646(b)(3)]
Which Months: All Year Statistical Basis: None specified

1722 Reduced Sulfur monitored by CMS continuously, as specified. Subpart LLL. [40 CFR 60.646(c)]
Which Months: All Year Statistical Basis: None specified

1723 Calculate the average sulfur emission reduction efficiency achieved (R) for each 24-hour clock internal. Compute the 24-hour average reduction efficiency (R) based on the 24-hour average sulfur production rate (S) and sulfur emission rate (E), using the equation in 40 CFR 60.644(c)(1). Subpart LLL. [40 CFR 60.646(d)]

1724 Calculate the sulfur emission reduction efficiency achieved for each 24-hour period using the equation in 40 CFR 60.646(e). Subpart LLL. [40 CFR 60.646(e)]

1725 Equipment/operational data recordkeeping by electronic or hard copy daily. Keep records of the calculations and measurements required in 40 CFR 60.642(a) and (b) and 40 CFR 60.646(a) through (g). Retain records for at least two years following the date of the measurements. Subpart LLL. [40 CFR 60.647(a)]

1726 Submit excess emissions report: Due in writing semiannually. Subpart LLL. [40 CFR 60.647(b)]

1727 Equipment/operational data recordkeeping by electronic or hard copy continuously. For the life of the facility, keep an analysis demonstrating that the design capacity is less than 2 LT/D of H2S expressed as sulfur. Subpart LLL. [40 CFR 60.647(c)]

1728 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep a record, for the life of the facility, demonstrating that the facility's design capacity is less than 150 LT/D of H2S expressed as sulfur. Subpart LLL. [40 CFR 60.647(d)]

EQT019 Separator - Oil - Water

EQT019 Separator - Oil - Water

1729 Equip with a container having all openings sealed and totally enclosed liquid contents. All gauging and sampling devices will be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2109.A.1]

1730 Equip with a container furnished with a floating roof. Floating roof shall consist of a pontoon type, double deck type roof, or internal floating cover which rests or floats on the surface of the contents and is equipped with a closure seal or seals to close the space between the roof edge and container wall. All gauging and sampling devices will be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2109.A.2]

1731 Equip with a container furnished with a vapor disposal system capable of processing organic vapors and gases so as to limit their emission to the atmosphere to the same extent as LAC 33:III.2109.A.1 and 2. All gauging and sampling devices will be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2109.A.3]

1732 Determine compliance with LAC 33:III.2109.A using monthly visual inspections or one of the test methods in LAC 33:III.2109.C.1-6, where appropriate. [LAC 33:III.2109.C]

1733 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2109.D.2. [LAC 33:III.2109.D.2]

1734 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2109.D.1 and 3. [LAC 33:III.2109.D]

1735 Nonhalogenated hydrocarbon burning: Temperature >= 1300 F (704 degrees C) for 0.3 second or greater in a direct-flame afterburner or an equally effective device which achieves a removal efficiency of 95 percent or greater, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 50 ppm by volume, whichever is less stringent. [LAC 33:III.2115.A]
Which Months: All Year Statistical Basis: None specified

1736 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.B]
Which Months: All Year Statistical Basis: None specified

1737 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.C]
Which Months: All Year Statistical Basis: None specified

1738 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.D]
Which Months: All Year Statistical Basis: None specified

1739 VOC, Total <= 0.12 kg/1000 kg of product from the material recovery section. [LAC 33:III.2115.E]
Which Months: All Year Statistical Basis: None specified

1740 Halogenated hydrocarbons, total >= 95 % removal efficiency as determined in accordance with LAC 33:III.2115.J.1, by combustion or other methods specified in LAC 33:III.2115.G. If combusted, reduce the halogenated products of combustion to an emission level acceptable to DEQ. [LAC 33:III.2115.F]
Which Months: All Year Statistical Basis: None specified

1741 Determine compliance with LAC 33:III.2115.A through G by applying the test methods specified in LAC 33:III.2115.I.1 through 5, as appropriate. [LAC 33:III.2115.I]

1742 Demonstrate compliance with LAC 33:III.2115 as requested by DEQ. [LAC 33:III.2115.J.1]

1743 Install and maintain monitors to accurately measure and record operational parameters of all required control devices as necessary to ensure the proper functioning of those devices in accordance with design specifications. Monitor and record at a minimum the parameters listed in LAC 33:III.2115.J.2.a through e. [LAC 33:III.2115.J.2]

1744 Comply with LAC 33:III.2115 as soon as practicable but in no event later than August 20, 2003. Comply with the requirements of LAC 33:III.2115 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2115 as a result of a revision of LAC 33:III.2115. [LAC 33:III.2115.J]

EQT019 Separator - Oil - Water

1745 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.2115.K.1 through K.3. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

1746 Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

1747 Equipment/operational data <=_ appropriate units. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1748 Equipment/operational data monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1749 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total xxxxxxxxxxxxxxxxxxxxxx each month, as well as the total xxxxxxxxxxxxxxxx for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

1750 Submit report: Due annually, by the 31st of March. Report the xxxxxxxxxxxxxxxxxx for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

1751 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]

1752 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]

1753 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]

1754 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]

1755 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]

1756 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]

1757 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]

1758 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]

1759 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

1760 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]

1761 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]

1762 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]

1763 Fixed-roof: Ensure that the cover and all openings are designed to operate with no detectable emissions as indicated by an instrument reading of less than 500 ppmv above background, as determined initially and thereafter at least once per year by the methods specified in 40 CFR 61.355(h). Subpart FF. [40 CFR 61.347(a)(1)(i)(A)]

EQT019 Separator - Oil - Water

1764 Fixed-roof: Maintain each opening in a closed, sealed position at all times that waste is in the oil-water separator except when it is necessary to use the opening for waste sampling or removal, or for equipment inspection, maintenance, or repair, except as specified in 40 CFR 61.347(a)(1)(i)(C). Subpart FF. [40 CFR 61.347(a)(1)(i)(B)]

1765 Install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the oil-water separator to a control device. Subpart FF. [40 CFR 61.347(a)(1)]

1766 Fixed-roof: Equipment/operational data monitored by visual inspection/determination once initially and once every quarter thereafter to ensure that no cracks or gaps occur between the cover and oil-water separator wall and that access hatches and other openings are closed and gasketed properly. Subpart FF. [40 CFR 61.347(b)]
Which Months: All Year Statistical Basis: None specified

1767 Make a first attempt at repair as soon as practicable, but not later than 15 calendar days after a broken seal or gasket or other problem is identified, or when detectable emissions are measured, except as specified in 40 CFR 61.350. Subpart FF. [40 CFR 61.347(c)]

1768 Determine compliance with 40 CFR 61 Subpart FF using the test methods and procedures specified in 40 CFR 61.355(a) through (i), as applicable. Subpart FF. [40 CFR 61.355]

1769 Equipment/operational data recordkeeping by electronic or hard copy continuously Maintain records as specified in 40 CFR 61.356(a) through (n). Maintain each record in a readily accessible location at the facility site for a period not less than two years from the date the information is recorded unless otherwise specified. Subpart FF. [40 CFR 61.356]

EQT020 Miscellaneous Fuel Burning Equipment (Includes Line Heaters and Heater Treaters)

1770 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

1771 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

1772 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]

1773 Total suspended particulate <= 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified

1774 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified

1775 Sulfur dioxide <= 2000 ppmv at standard conditions. [LAC 33:III.1503.C]
Which Months: All Year Statistical Basis: Three-hour average

1776 Determine sulfur dioxide and sulfuric acid mist concentrations in stack gases using the methods in LAC 33:III.1503.D.Table 4. Use these methods for initial compliance determinations and for additional compliance determinations for those facilities not subject to continuous emission monitoring. [LAC 33:III.1503.D.1]

1777 Submit report: Due in writing to the Office of Environmental Compliance, Surveillance Division, within seven calendar days after startup. Submit report if requesting exemption from the provisions of LAC 33:III.1503.A. Explain the conditions and duration of the startup and list the steps necessary to remedy, prevent and limit the excess emissions. [LAC 33:III.1507.A.1]

1778 Submit report: Due in writing to the Office of Environmental Compliance, Surveillance Division, within seven calendar days of an upset which has caused excess emissions, and if on-line operating changes will eliminate a temporary condition. Submit report if requesting exemption from the emission limitations of LAC 33:III.1503.A. Explain the conditions and duration of the upset and list the steps necessary to remedy, prevent and limit the excess emissions. [LAC 33:III.1507.B.1]

EQT020 Miscellaneous Fuel Burning Equipment (Includes Line Heaters and Heater Treaters)

1779 Control process gas streams by flaring or combustion. [LAC 33:III.1509]

1780 Sulfur dioxide monitored by continuous emission monitor (CEM) continuously. Ensure that the measurement system is certified according to Performance Specification 2 of 40 CFR 60, Appendix B, and quality assured by the procedures in 40 CFR 60, Appendix F. [LAC 33:III.1511.A]
Which Months: All Year Statistical Basis: None specified

1781 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

1782 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

1783 Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. [LAC 33:III.1513]

1784 Submit quarterly reports of three-hour excess emissions and reports of emergency conditions, in accordance with LAC 33:I.Chapter 39. [LAC 33:III.1513]

1785 Nonhalogenated hydrocarbon burning: Temperature >= 1300 F (704 degrees C) for 0.3 second or greater in a direct-flame afterburner or an equally effective device which achieves a removal efficiency of 95 percent or greater, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 50 ppm by volume, whichever is less stringent. [LAC 33:III.2115.A]
Which Months: All Year Statistical Basis: None specified

1786 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.B]
Which Months: All Year Statistical Basis: None specified

1787 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.C]
Which Months: All Year Statistical Basis: None specified

1788 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.D]
Which Months: All Year Statistical Basis: None specified

1789 VOC, Total <= 0.12 kg/1000 kg of product from the material recovery section. [LAC 33:III.2115.E]
Which Months: All Year Statistical Basis: None specified

1790 Halogenated hydrocarbons, total >= 95 % removal efficiency as determined in accordance with LAC 33:III.2115.J.1, by combustion or other methods specified in LAC 33:III.2115.G. If combusted, reduce the halogenated products of combustion to an emission level acceptable to DEQ. [LAC 33:III.2115.F]
Which Months: All Year Statistical Basis: None specified

1791 Determine compliance with LAC 33:III.2115.A through G by applying the test methods specified in LAC 33:III.2115.I.1 through 5, as appropriate. [LAC 33:III.2115.I]

1792 Demonstrate compliance with LAC 33:III.2115 as requested by DEQ. [LAC 33:III.2115.J.1]

1793 Install and maintain monitors to accurately measure and record operational parameters of all required control devices as necessary to ensure the proper functioning of those devices in accordance with design specifications. Monitor and record at a minimum the parameters listed in LAC 33:III.2115.J.2.a through e. [LAC 33:III.2115.J.2]

SPECIFIC REQUIREMENTS

AI ID: 122793 - Title V General Permit
Activity Number: PER20040001
Permit Number: General Permit
Air - Title V General Permit Initial

EQT020 Miscellaneous Fuel Burning Equipment (Includes Line Heaters and Heater Treaters)

1794 Comply with LAC 33:III.2115 as soon as practicable but in no event later than August 20, 2003. Comply with the requirements of LAC 33:III.2115 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2115 as a result of a revision of LAC 33:III.2115. [LAC 33:III.2115.J]

1795 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.2115.K.1 through K.3. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

1796 Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

1797 Equipment/operational data <=_ appropriate units. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1798 Equipment/operational data monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1799 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total xxxxxxxxxxxxxxxxxxxxxx each month, as well as the total xxxxxxxxxxxxxxxx for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

1800 Submit report: Due annually, by the 31st of March. Report the xxxxxxxxxxxxxxxxxx for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

1801 Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing. [LAC 33:III.501.C.6]

1802 Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. [LAC 33:III.501.C.6]

1803 Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shakedown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.501.C.6]

1804 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]

1805 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]

1806 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]

1807 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]

1808 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]

1809 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]

1810 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]

EQT020 Miscellaneous Fuel Burning Equipment (Includes Line Heaters and Heater Treaters)

1811 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]

1812 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

1813 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]

1814 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]

1815 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]

EQT021 Turbine

1816 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

1817 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

1818 Total suspended particulate <= 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified

1819 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified

1820 Sulfur dioxide <= 2000 ppmv at standard conditions. [LAC 33:III.1503.C]
Which Months: All Year Statistical Basis: Three-hour average

1821 Determine sulfur dioxide and sulfuric acid mist concentrations in stack gases using the methods in LAC 33:III.1503.D.Table 4. Use these methods for initial compliance determinations and for additional compliance determinations for those facilities not subject to continuous emission monitoring. [LAC 33:III.1503.D.1]

1822 Submit report: Due in writing to the Office of Environmental Compliance, Surveillance Division, within seven calendar days after startup. Submit report if requesting exemption from the provisions of LAC 33:III.1503.A. Explain the conditions and duration of the startup and list the steps necessary to remedy, prevent and limit the excess emissions. [LAC 33:III.1507.A.1]

1823 Submit report: Due in writing to the Office of Environmental Compliance, Surveillance Division, within seven calendar days of an upset which has caused excess emissions, and if on-line operating changes will eliminate a temporary condition. Submit report if requesting exemption from the emission limitations of LAC 33:III.1503.A. Explain the conditions and duration of the upset and list the steps necessary to remedy, prevent and limit the excess emissions. [LAC 33:III.1507.B.1]

1824 Control process gas streams by flaring or combustion. [LAC 33:III.1509]

1825 Sulfur dioxide monitored by continuous emission monitor (CEM) continuously. Ensure that the measurement system is certified according to Performance Specification 2 of 40 CFR 60, Appendix B, and quality assured by the procedures in 40 CFR 60, Appendix F. [LAC 33:III.1511.A]
Which Months: All Year Statistical Basis: None specified

EQT021 Turbine

1826 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

1827 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

1828 Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. [LAC 33:III.1513]

1829 Submit quarterly reports of three-hour excess emissions and reports of emergency conditions, in accordance with LAC 33:I.Chapter 39. [LAC 33:III.1513]

1830 Nonhalogenated hydrocarbon burning: Temperature >= 1300 F (704 degrees C) for 0.3 second or greater in a direct-flame afterburner or an equally effective device which achieves a removal efficiency of 95 percent or greater, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 50 ppm by volume, whichever is less stringent. [LAC 33:III.2115.A]
Which Months: All Year Statistical Basis: None specified

1831 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.B]
Which Months: All Year Statistical Basis: None specified

1832 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.C]
Which Months: All Year Statistical Basis: None specified

1833 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.D]
Which Months: All Year Statistical Basis: None specified

1834 VOC, Total <= 0.12 kg/1000 kg of product from the material recovery section. [LAC 33:III.2115.E]
Which Months: All Year Statistical Basis: None specified

1835 Halogenated hydrocarbons, total >= 95 % removal efficiency as determined in accordance with LAC 33:III.2115.J.1, by combustion or other methods specified in LAC 33:III.2115.G. If combusted, reduce the halogenated products of combustion to an emission level acceptable to DEQ. [LAC 33:III.2115.F]
Which Months: All Year Statistical Basis: None specified

1836 Determine compliance with LAC 33:III.2115.A through G by applying the test methods specified in LAC 33:III.2115.I.1 through 5, as appropriate. [LAC 33:III.2115.I]

1837 Demonstrate compliance with LAC 33:III.2115 as requested by DEQ. [LAC 33:III.2115.J.1]

1838 Install and maintain monitors to accurately measure and record operational parameters of all required control devices as necessary to ensure the proper functioning of those devices in accordance with design specifications. Monitor and record at a minimum the parameters listed in LAC 33:III.2115.J.2.a through e. [LAC 33:III.2115.J.2]

1839 Comply with LAC 33:III.2115 as soon as practicable but in no event later than August 20, 2003. Comply with the requirements of LAC 33:III.2115 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2115 as a result of a revision of LAC 33:III.2115. [LAC 33:III.2115.J]

EQT021 Turbine

1840 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.2115.K.1 through K.3. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

1841 Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

1842 Nitrogen oxides <=_ lb/MMBTU. [LAC 33:III.2201.D.1]
Which Months: May-Sep Statistical Basis: Thirty-day rolling average

1843 Nitrogen oxides <=_ tons/day. [LAC 33:III.2201.D]
Which Months: May-Sep Statistical Basis: Thirty-day rolling average

1844 Nitrogen oxides monitored by technically sound method continuously. [LAC 33:III.2201.D]
Which Months: May-Sep Statistical Basis: Thirty-day rolling average

1845 Demonstrate compliance with the facility-wide averaging plan using either the method in LAC 33:III.2201.E.1.b.i or the method in LAC 33:III.2201.E.1.b.ii. [LAC 33:III.2201.E.1.b]

1846 Demonstrate compliance with the facility-wide averaging plan using either the method in LAC 33:III.2201.E.1.c.i or the method in LAC 33:III.2201.E.1.c.ii. [LAC 33:III.2201.E.1.c]

1847 Test NOx emissions after each occurrence of catalyst replacement. Maintain documentation on-site, if practical, of the date, the person doing the test, and the test results. Make documentation available for inspection upon request. [LAC 33:III.2201.H.10]

1848 Fuel recordkeeping by totalizing meter continuously. Record the fuel input for each affected point source during each ozone season. [LAC 33:III.2201.H.11]

1849 Fuel monitored by totalizer continuously. Monitor fuel input using a totalizing fuel meter. [LAC 33:III.2201.H.11]
Which Months: May-Sep Statistical Basis: None specified

1850 Submit notification: Due to DEQ within seven days if the BTU-per-ozone season limit is exceeded. [LAC 33:III.2201.H.11]

1851 Submit permit modification: Due within 90 days after receipt of notification from DEQ of the loss of exemption due to exceedance of the BTU-per-ozone season limit. Submit a permit modification detailing how to meet the applicable emission factor as soon as possible, but no later than 24 months, after exceeding the limit. Include a schedule of increments of progress for the installation and operation of the required control equipment. [LAC 33:III.2201.H.11]

1852 Operating time recordkeeping by the regulation's specified method(s) continuously. Record the operating time with a nonresettable, elapsed run-time meter. [LAC 33:III.2201.H.12]

1853 Submit notification: Due within seven days if the hours-per-ozone season limit is exceeded. [LAC 33:III.2201.H.12]

1854 Submit permit modification: Due within 90 days after receipt of notification from DEQ of the loss of exemption due to exceedance of the hours-per-ozone season limit. Submit a permit modification detailing how to meet the applicable emission factor as soon as possible, but no later than 24 months, after exceeding the limit. Include a schedule of increments of progress for the installation and operation of the required control equipment. [LAC 33:III.2201.H.12]

1855 Equipment/operational data monitored by CMS hourly. Monitor the average hourly fuel and steam or water consumption and the water or steam to fuel ratio. [LAC 33:III.2201.H.3.a.i]
Which Months: May-Sep Statistical Basis: None specified

1856 Equipment/operational data recordkeeping by electronic or hard copy hourly. Record the average hourly fuel and steam or water consumption and the water or steam to fuel ratio. [LAC 33:III.2201.H.3.a.i]

1857 Operate the stationary gas turbine at the required steam-to-fuel or water-to-fuel ratio as determined during the initial compliance test. [LAC 33:III.2201.H.3.a.i]

EQT021 Turbine

1858 Fuel monitored by totalizer continuously. Monitor fuel usage with a totalizing fuel meter. [LAC 33:III.2201.H.3.a.ii]
Which Months: May-Sep Statistical Basis: None specified

1859 Operate the turbine within the fuel limits established during the initial compliance run. [LAC 33:III.2201.H.3.a.ii]

1860 Perform annual testing for NOx and CO with an approved portable analyzer. [LAC 33:III.2201.H.3.a.ii]

1861 Fuel monitored by totalizer continuously. Monitor fuel usage with a totalizing fuel meter. [LAC 33:III.2201.H.3.a.iii]
Which Months: May-Sep Statistical Basis: None specified

1862 Diluent - either Oxygen or Carbon dioxide monitored by the regulation's specified method(s) continuously. Monitor oxygen or carbon dioxide using a diluent monitor in accordance with the requirements of LAC 33:III.2201.H.1.b.ii. [LAC 33:III.2201.H.3.a.iii]
Which Months: May-Sep Statistical Basis: None specified

1863 Nitrogen oxides monitored by continuous emission monitor (CEM) continuously. [LAC 33:III.2201.H.3.a.iii]
Which Months: May-Sep Statistical Basis: None specified

1864 Carbon monoxide monitored by the regulation's specified method(s) continuously. Monitor carbon monoxide using a CO monitor. [LAC 33:III.2201.H.3.a.iii]
Which Months: May-Sep Statistical Basis: None specified

1865 Nitrogen oxides monitored by the regulation's specified method(s) continuously. Predict NOx, diluent (O2 or CO2), and CO emissions for each affected point source using a PEMS. Operate PEMS in accordance with the requirements of LAC 33:III.2201.H.1.b.v. [LAC 33:III.2201.H.3.a.iii]
Which Months: May-Sep Statistical Basis: None specified

1866 Fuel monitored by totalizer continuously. Monitor fuel usage with a totalizing fuel meter. [LAC 33:III.2201.H.3.b.i]
Which Months: May-Sep Statistical Basis: None specified

1867 Diluent - either Oxygen or Carbon dioxide monitored by the regulation's specified method(s) continuously. Monitor oxygen or carbon dioxide using a diluent monitor in accordance with the requirements of LAC 33:III.2201.H.1.b.ii. [LAC 33:III.2201.H.3.b.ii]
Which Months: May-Sep Statistical Basis: None specified

1868 Nitrogen oxides monitored by continuous emission monitor (CEM) continuously. [LAC 33:III.2201.H.3.b.iii]
Which Months: May-Sep Statistical Basis: None specified

1869 Carbon monoxide monitored by the regulation's specified method(s) continuously. Monitor carbon monoxide using a CO monitor. [LAC 33:III.2201.H.3.b.iv]
Which Months: May-Sep Statistical Basis: None specified

1870 Nitrogen oxides monitored by the regulation's specified method(s) continuously. Predict NOx, diluent (O2 or CO2), and CO emissions for each affected point source using a PEMS. Operate PEMS in accordance with the requirements of LAC 33:III.2201.H.1.b.v. [LAC 33:III.2201.H.3.b.v]
Which Months: May-Sep Statistical Basis: None specified

1871 Nitrogen oxides monitored by continuous emission monitor (CEM) continuously. [LAC 33:III.2201.H.7]
Which Months: May-Sep Statistical Basis: None specified

1872 Carbon monoxide monitored by the regulation's specified method(s) continuously. Monitor carbon monoxide using a CO monitor. [LAC 33:III.2201.H.7]
Which Months: May-Sep Statistical Basis: None specified

1873 Fuel recordkeeping by electronic or hard copy daily. Record fuel gas composition. [LAC 33:III.2201.H.9]

1874 Fuel monitored by the regulation's specified method(s) daily. Analyze the fuel gas composition according to the methods listed in LAC 33:III.2201.G.5.g. [LAC 33:III.2201.H.9]
Which Months: May-Sep Statistical Basis: None specified

1875 Submit Notification: Due at least 30 days prior to any compliance testing conducted under LAC 33:III.2201.G and any CEMS or PEMS performance evaluation conducted under LAC 33:III.2201.H in order to give DEQ an opportunity to conduct a pretest meeting and observe the emission testing. [LAC 33:III.2201.I.1]

1876 Submit test results: Due within 60 days after completing the emission testing required in LAC 33:III.2201.I.1. [LAC 33:III.2201.I.1]

EQT021 Turbine

1877 Submit report: Due within 90 days of the end of each quarter for any noncompliance of the applicable emission limitations of LAC 33:III.2201.D or E. Include the information specified in LAC 33:III.2201.I.2.a through I.2.d. [LAC 33:III.2201.I.2]

1878 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records of the information specified in LAC 33:III.2201.I.3 and I.4 as applicable. [LAC 33:III.2201.I]

1879 Nitrogen oxides <=_ lb/MMBTU. [LAC 33:III.2202.B]
Which Months: May-Sep Statistical Basis: Thirty-day rolling average

1880 Equipment/operational data <=_ appropriate units. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1881 Equipment/operational data monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1882 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total xxxxxxxxxxxxxxxxxxxxxx each month, as well as the total xxxxxxxxxxxxxxxx for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

1883 Submit report: Due annually, by the 31st of March. Report the xxxxxxxxxxxxxxxxxx for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

1884 Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing. [LAC 33:III.501.C.6]

1885 Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. [LAC 33:III.501.C.6]

1886 Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shakedown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.501.C.6]

1887 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]

1888 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]

1889 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]

1890 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]

1891 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]

1892 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]

1893 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]

1894 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]

EQT021 Turbine

1895 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

1896 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]

1897 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]

1898 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]

1899 Nitrogen oxides <=_ % by volume at 15% oxygen and on a dry basis in gases discharged to the atmosphere. Use analytical methods and procedures that are accurate to within 5 percent and are approved by DEQ to determine the nitrogen content of the fuel being fired per 40 CFR 60.335(a). Subpart GG. [40 CFR 60.332(a)(1)]
Which Months: All Year Statistical Basis: None specified

1900 Nitrogen oxides <=_ % by volume at 15% oxygen and on a dry basis in gases discharged to the atmosphere. Use analytical methods and procedures that are accurate to within 5 percent and are approved by DEQ to determine the nitrogen content of the fuel being fired per 40 CFR 60.335(a). Subpart GG. [40 CFR 60.332(a)(2)]
Which Months: All Year Statistical Basis: None specified

1901 Sulfur dioxide <= 0.015 % by volume at 15 percent oxygen and on a dry basis in gases discharged to the atmosphere. Subpart GG. [40 CFR 60.333(a)]
Which Months: All Year Statistical Basis: None specified

1902 Fuel sulfur content <= 0.8 % by weight (8000 ppmw) for any fuel burned. Subpart GG. [40 CFR 60.333(b)]
Which Months: All Year Statistical Basis: None specified

1903 Fuel monitored by CMS continuously, except as specified in 40 CFR 60.334(b). Monitor fuel consumption. Subpart GG. [40 CFR 60.334(a)]
Which Months: All Year Statistical Basis: None specified

1904 Fuel recordkeeping by CMS continuously. Record fuel consumption. Subpart GG. [40 CFR 60.334(a)]

1905 Ratio monitored by CMS continuously, except as specified in 40 CFR 60.334(b). Monitor the ratio of water or steam to fuel being fired in the turbine. Subpart GG. [40 CFR 60.334(a)]
Which Months: All Year Statistical Basis: None specified

1906 Ratio recordkeeping by CMS continuously. Record the ratio of water or steam to fuel being fired in the turbine. Subpart GG. [40 CFR 60.334(a)]

1907 Oxygen and Nitrogen oxides monitored by continuous emission monitor (CEM) continuously as specified in 40 CFR 60.334(b)(1) through (b)(3). Subpart GG. [40 CFR 60.334(b)]
Which Months: All Year Statistical Basis: None specified

1908 Oxygen and Nitrogen oxides recordkeeping by electronic or hard copy continuously as specified in 40 CFR 60.334(b)(1) through (b)(3). Subpart GG. [40 CFR 60.334(b)]

1909 Monitor the steam or water to fuel ratio or other parameters that are continuously monitored as described in 40 CFR 60.334(a), (d) or (f) during the performance test required under 40 CFR 60.8, to establish acceptable values and ranges. Develop and keep on-site a parameter monitoring plan which explains the procedures used to document proper operation of the NOx emission controls. Include the parameter(s) monitored and the acceptable range(s) of the parameter(s) as well as the basis for designating the parameter(s) and acceptable range(s). Include any supplemental data such as engineering analyses, design specifications, manufacturer's recommendations and other relevant information in the monitoring plan. Subpart GG. [40 CFR 60.334(g)]

1910 Fuel sulfur content monitored by the regulation's specified method(s) at the regulation's specified frequency, except as specified in 40 CFR 60.334(h)(3). Monitor the total sulfur content of the fuel being fired in the turbine using total sulfur methods described in 40 CFR 60.335(b)(10). Subpart GG. [40 CFR 60.334(h)(1)]
Which Months: All Year Statistical Basis: None specified

EQT021 Turbine

1911 Fuel nitrogen content monitored by the regulation's specified method(s) at the regulation's specified frequency. Monitor the nitrogen content of the fuel combusted in the turbine, if claiming an allowance for fuel bound nitrogen. Determine the nitrogen content of the fuel using methods described in 40 CFR 60.335(b)(9) or an approved alternative. Subpart GG. [40 CFR 60.334(h)(2)]
Which Months: All Year Statistical Basis: None specified

1912 Submit quarterly excess emissions report: Due by the 30th day following the end of each calendar quarter. Report periods during which an exemption provided in 40 CFR 60.332(f) is in effect. Report the date and time the air pollution control system was deactivated, and the date and time the air pollution control system was reactivated. Subpart GG. [40 CFR 60.334(j)(3)]

1913 Include each period during which an exemption provided in 40 CFR 60.332(k) is in effect in the report required in 40 CFR 60.7(c). For each period, report the type, reasons, and duration of the firing of the emergency fuel. Subpart GG. [40 CFR 60.334(j)(4)]

1914 Submit excess emissions reports and monitor downtime in accordance with 40 CFR 60.7(c). Report excess emissions for all periods of unit operation, including startup, shutdown and malfunction. Subpart GG. [40 CFR 60.334(j)]

1915 Determine compliance using the test methods and procedures specified in 40 CFR 60.335(a) through (c). Subpart GG. [40 CFR 60.335]

EQT022 Incinerator

1916 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

1917 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

1918 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]

1919 Total suspended particulate <= 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified

1920 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified

1921 Nonhalogenated hydrocarbon burning: Temperature >= 1300 F (704 degrees C) for 0.3 second or greater in a direct-flame afterburner or an equally effective device which achieves a removal efficiency of 95 percent or greater, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 50 ppm by volume, whichever is less stringent. [LAC 33:III.2115.A]
Which Months: All Year Statistical Basis: None specified

1922 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.B]
Which Months: All Year Statistical Basis: None specified

1923 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.C]
Which Months: All Year Statistical Basis: None specified

EQT022 Incinerator

1924 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.D]
Which Months: All Year Statistical Basis: None specified

1925 VOC, Total <= 0.12 kg/1000 kg of product from the material recovery section. [LAC 33:III.2115.E]
Which Months: All Year Statistical Basis: None specified

1926 Halogenated hydrocarbons, total >= 95 % removal efficiency as determined in accordance with LAC 33:III.2115.J.1, by combustion or other methods specified in LAC 33:III.2115.G. If combusted, reduce the halogenated products of combustion to an emission level acceptable to DEQ. [LAC 33:III.2115.F]
Which Months: All Year Statistical Basis: None specified

1927 Determine compliance with LAC 33:III.2115.A through G by applying the test methods specified in LAC 33:III.2115.I.1 through 5, as appropriate. [LAC 33:III.2115.I]

1928 Demonstrate compliance with LAC 33:III.2115 as requested by DEQ. [LAC 33:III.2115.J.1]

1929 Install and maintain monitors to accurately measure and record operational parameters of all required control devices as necessary to ensure the proper functioning of those devices in accordance with design specifications. Monitor and record at a minimum the parameters listed in LAC 33:III.2115.J.2.a through e. [LAC 33:III.2115.J.2]

1930 Comply with LAC 33:III.2115 as soon as practicable but in no event later than August 20, 2003. Comply with the requirements of LAC 33:III.2115 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2115 as a result of a revision of LAC 33:III.2115. [LAC 33:III.2115.J]

1931 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.2115.K.1 through K.3. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

1932 Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

1933 Reduce emissions, where feasible, by incineration, provided 90 percent of the carbon in the organic compounds being incinerated is oxidized to carbon dioxide (except as provided in LAC 33:III.2123.D); carbon adsorption of the organic compounds; or any other equivalent means as may be approved by DEQ. [LAC 33:III.2123.A]

1934 VOC, Total <=_ lb/gal of coating as applied (minus water and exempt solvent). [LAC 33:III.2123.C]
Which Months: All Year Statistical Basis: Daily average

1935 VOC, Total >= 80 % control efficiency. [LAC 33:III.2123.D.1]
Which Months: All Year Statistical Basis: None specified

1936 Submit design data for each capture system and emission control device which is proposed for use to the Office of Environmental Services, Permits Division, for approval. [LAC 33:III.2123.D.1]

1937 Determine the effectiveness of the capture system (i.e. capture efficiency) using the procedure specified in LAC 33:III.2123.E.6. [LAC 33:III.2123.D.1]

1938 Determine compliance by the procedure specified in "Control of Volatile Organic Emissions for Existing Stationary Sources. Vol. 2-Surface Coating of Cans, Coils, Paper, Fabric, Autos and Lt. Duty Trucks", (EPA 450/2-77-008), the procedures specified in "Measurement of Volatile Organic Compounds" (EPA-450/2-78-041), a method approved by DEQ or certification from the paint manufacturer concerning the solvent makeup of the paint. Treat exempt solvents the same as water in calculating the VOC content per gallon of coating. [LAC 33:III.2123.D.3]

1939 Determine compliance with LAC 33:III.2123.C.6 in accordance with EPA's "Protocol for Determining the Daily Volatile Organic Compound Emission Rate of Automobile and Light Duty Truck Topcoat Operations", EPA 450/3-88-018, December, 1988. [LAC 33:III.2123.D.4]

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1940 Test the improved transfer efficiency equipment following procedures approved in advance by DEQ and consistent with those transfer efficiency testing procedures specified in LAC 33:III.2123.E.5. Calculate the applicable emission limit using the transfer efficiency baseline established by DEQ and determine compliance following a calculation procedure also approved by DEQ. [LAC 33:III.2123.D.9]

1941 Determine compliance with LAC 33:III.2123.A, C, and D by applying the test methods specified in LAC 33:III.2123.E.1 through E.6, as appropriate. [LAC 33:III.2123.E]

1942 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2123.F.1 through F.4 to verify compliance with LAC 33:III.2123. Maintain records for at least two years. [LAC 33:III.2123.F]

1943 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2123.F.1 through F.4 to verify exemption from LAC 33:III.2123. Maintain records for at least two years. [LAC 33:III.2123.F]

1944 Comply with the requirements of LAC 33:III.2123 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2123 as a result of a revision of LAC 33:III.2123. [LAC 33:III.2123.H]

1945 Equipment/operational data <=_ appropriate units. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1946 Equipment/operational data monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

1947 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total xxxxxxxxxxxxxxxxxxxxxx each month, as well as the total xxxxxxxxxxxxxxxx for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

1948 Submit report: Due annually, by the 31st of March. Report the xxxxxxxxxxxxxxxxxx for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

1949 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]

1950 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]

1951 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]

1952 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]

1953 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]

1954 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]

1955 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]

1956 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]

1957 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

1958 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]

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1959 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]

1960 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]

1961 Closed-vent system: Operate with no detectable emissions as indicated by an instrument reading of less than 500 ppmv above background, as determined initially and thereafter at least once per year by the methods specified in 40 CFR 61.355(h). Subpart FF. [40 CFR 61.349(a)(1)(i)]

1962 Closed-vent system (bypass lines): Flow monitored by flow indicator once every 15 minutes, except as provided in 40 CFR 61.349(a)(1)(ii)(B). Install the flow indicator at the entrance to any bypass line that could divert the vent stream away from the control device to the atmosphere. Subpart FF. [40 CFR 61.349(a)(1)(ii)]
Which Months: All Year Statistical Basis: None specified

1963 Closed-vent system (bypass lines): Flow recordkeeping by electronic or hard copy once every 15 minutes. Subpart FF. [40 CFR 61.349(a)(1)(ii)]

1964 Closed-vent system: Ensure that all gauging and sampling devices are gas-tight except when gauging or sampling is taking place. Subpart FF. [40 CFR 61.349(a)(1)(iii)]

1965 Total Organic Compounds (TOC) >= 95 % reduction by weight. Subpart FF. [40 CFR 61.349(a)(2)(i)(A)]
Which Months: All Year Statistical Basis: None specified

1966 Total Organic Compounds (TOC) <= 20 ppmv (as the sum of the concentrations for individual compounds using Method 18) on a dry basis corrected to 3 percent oxygen. Subpart FF. [40 CFR 61.349(a)(2)(i)(B)]
Which Months: All Year Statistical Basis: None specified

1967 Residence time >= 0.5 sec at a minimum temperature of 760 degrees C (1400 degrees F). Subpart FF. [40 CFR 61.349(a)(2)(i)(C)]
Which Months: All Year Statistical Basis: None specified

1968 Operate at all times when waste is placed in the waste management unit vented to the control device except when maintenance or repair of the waste management unit cannot be completed without a shutdown of the control device. Subpart FF. [40 CFR 61.349(b)]

1969 Demonstrate that each control device, except for a flare, achieves the appropriate conditions specified in 40 CFR 61.349(a)(2) using one of methods specified in 40 CFR 61.349(c)(1) and (c)(2). Subpart FF. [40 CFR 61.349(c)]

1970 Equipment/operational data monitored by visual inspection/determination once initially and once every quarter thereafter. Include inspection of ductwork and piping and connections to covers and control devices for evidence of visible defects such as holes in ductwork or piping and loose connections. Subpart FF. [40 CFR 61.349(f)]
Which Months: All Year Statistical Basis: None specified

1971 Make a first effort to repair the closed-vent system and control device as soon as practicable but no later than 5 calendar days after visible defects are observed during an inspection, or if other problems are identified, or if detectable emissions are measured, except as provided in 40 CFR 61.350. Complete repair no later than 15 calendar days after the emissions are detected or the visible defect is observed. Subpart FF. [40 CFR 61.349(g)]

1972 Temperature monitored by temperature monitoring device continuously. Install the temperature sensor at a representative location in the combustion chamber. Subpart FF. [40 CFR 61.354(c)(1)]
Which Months: All Year Statistical Basis: None specified

1973 Temperature recordkeeping by recorder continuously. Subpart FF. [40 CFR 61.354(c)(1)]

1974 Temperature monitored by temperature monitoring device continuously. Install one temperature sensor in the vent stream at the nearest feasible point to the catalyst bed inlet and a second temperature sensor in the vent stream at the nearest feasible point to the catalyst bed outlet. Subpart FF. [40 CFR 61.354(c)(2)]
Which Months: All Year Statistical Basis: None specified

1975 Temperature recordkeeping by recorder continuously. Subpart FF. [40 CFR 61.354(c)(2)]

1976 Monitoring data monitored by technically sound method daily. Inspect the data recorded by the monitoring equipment to ensure that the control device is operating properly. Subpart FF. [40 CFR 61.354(c)]
Which Months: All Year Statistical Basis: None specified

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1977 Closed-vent system (bypass line): Seal or closure mechanism monitored by visual inspection/determination monthly. Check the position of the valve and the condition of the car-seal or closure mechanism required under 40 CFR 61.349(a)(1)(ii) to ensure that the valve is maintained in the closed position and the vent stream is not diverted through the bypass line. Subpart FF. [40 CFR 61.354(f)(1)]
Which Months: All Year Statistical Basis: None specified

1978 Closed-vent system (bypass line): Flow monitored by visual inspection/determination daily. Inspect the readings from each flow monitoring device required by 40 CFR 61.349(a)(1)(ii) to check that vapors are being routed to the control device as required. Subpart FF. [40 CFR 61.354(f)(2)]
Which Months: All Year Statistical Basis: None specified

1979 Pressure monitored by pressure instrument continuously to ensure that the pressure is less than atmospheric pressure. Subpart FF. [40 CFR 61.354(g)]
Which Months: All Year Statistical Basis: None specified

1980 Pressure recordkeeping by recorder continuously. Subpart FF. [40 CFR 61.354(g)]

1981 Determine compliance with 40 CFR 61 Subpart FF using the test methods and procedures specified in 40 CFR 61.355(a) through (i), as applicable. Subpart FF. [40 CFR 61.355]

1982 Equipment/operational data recordkeeping by electronic or hard copy continuously Maintain records as specified in 40 CFR 61.356(a) through (n). Maintain each record in a readily accessible location at the facility site for a period not less than two years from the date the information is recorded unless otherwise specified. Subpart FF. [40 CFR 61.356]

1983 Maintain records as required in 40 CFR 63.10(b)(3). Subpart HHH. [40 CFR 63.1270(f)]

1984 Design and operate in accordance with the requirements of 40 CFR 63.1281(d). Subpart HHH. [40 CFR 63.1275(b)(1)(i)]

1985 Outlet emissions: Benzene < 0.90 Mg/yr. Subpart HHH. [40 CFR 63.1275(b)(1)(ii)]
Which Months: All Year Statistical Basis: None specified

1986 Design and operate in accordance with the requirements of 40 CFR 63.1281(d), except that the performance requirements specified in 40 CFR 63.1281(d)(1)(i) and (d)(1)(ii) do not apply. Subpart HHH. [40 CFR 63.1275(b)(1)(ii)]

1987 Closed-vent system: Design and operate in accordance with the requirements of 40 CFR 63.1281(c). Subpart HHH. [40 CFR 63.1275(b)(1)]

1988 Emissions to the atmosphere: HAP >= 95 % reduction. Subpart HHH. [40 CFR 63.1275(c)(2)]
Which Months: All Year Statistical Basis: None specified

1989 Closed-vent system: Route all gases, vapors, and fumes emitted from the material in a HAP emissions unit to a control device that meets the requirements specified in 40 CFR 63.1281(d). Subpart HHH. [40 CFR 63.1281(c)(1)]

1990 Closed-vent system: Design and operate with no detectable emissions, as determined by 40 CFR 63.1282(b). Subpart HHH. [40 CFR 63.1281(c)(2)]

1991 Closed-vent system (bypass device): Flow monitored by flow indicator periodically. The flow indicator must sound an alarm when the bypass device is open such that the stream is being, or could be, diverted away from the control device to the atmosphere Subpart HHH. [40 CFR 63.1281(c)(3)(i)(A)]
Which Months: All Year Statistical Basis: None specified

1992 Closed-vent system (bypass device): Secure the bypass device valve installed at the inlet to the bypass device in the non-diverting position using a car-seal or a lock-and-key type configuration. Subpart HHH. [40 CFR 63.1281(c)(3)(i)(B)]

1993 Total Organic Compounds (TOC) or HAP >= 95 % reduction by weight or <= 20 ppmv on a dry basis corrected to 3 percent oxygen, as determined in accordance with the requirements of 40 CFR 63.1282(d); or Residence time >= 0.5 seconds at a minimum temperature of 760 degrees C. Subpart HHH. [40 CFR 63.1281(d)(1)(i)]
Which Months: All Year Statistical Basis: None specified

1994 Operate at all times when gases, vapors, and fumes are vented from the emissions unit or units through the closed-vent system to the control device, as required under 40 CFR 63.1275, except when maintenance or repair on a unit cannot be completed without a shutdown of the control device. Subpart HHH. [40 CFR 63.1281(d)(4)(i)]

1995 Demonstrate compliance with the monitoring requirements of 40 CFR 63.1283(d) according to the requirements of 40 CFR 63.1282(e) or (f), as applicable. Subpart HHH. [40 CFR 63.1281(d)(4)(ii)]

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1996 Demonstrate that the control device meets the requirements of 40 CFR 63.1281(d)(1) or (e)(3)(ii) by conducting a performance test. Use the test methods and procedures specified in 40 CFR 63.1282(d)(3)(i) through (d)(3)(iv). Submit the performance test results in the Notification of Compliance Status Report as required in 40 CFR 63.1285(d)(1)(ii). Subpart HHH. [40 CFR 63.1282(d)(3)]

1997 Demonstrate that the control device meets the requirements of 40 CFR 63.1281(d)(1) or (e)(3)(ii) by conducting a design analysis meeting the requirements of 40 CFR 63.1282(d)(4)(i) and (d)(4)(ii). Submit documentation of the design analysis as a part of the Notification of Compliance Status Report as required in 40 CFR 63.1285(d)(1)(i). Subpart HHH. [40 CFR 63.1282(d)(4)]

1998 Establish a site specific maximum or minimum monitoring parameter value (as appropriate) according to the requirements of 40 CFR 63.1283(d)(5)(i). Subpart HHH. [40 CFR 63.1282(e)(1)]

1999 Calculate the daily average of the applicable monitored parameter in accordance with 40 CFR 63.1283(d)(4). Subpart HHH. [40 CFR 63.1282(e)(2)]

2000 Closed-vent system (joints, seam, or other connections that are permanently or semi-permanently sealed): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the specified in 40 CFR 63.1282(b) to demonstrate that the closed-vent system operates with no detectable emissions. Submit inspection results with the Notification of Compliance Status Report as specified in 40 CFR 63.1285(d)(1) or (d)(2). Subpart HHH. [40 CFR 63.1283(c)(2)(i)(A)]
Which Months: All Year Statistical Basis: None specified

2001 Closed-vent system (joints, seam, or other connections that are permanently or semi-permanently sealed): Equipment/operational data monitored by visual inspection/determination annually for defects that could result in air emissions. Submit inspection results in the Periodic Report as specified in 40 CFR 63.1285(e)(2)(iii). Subpart HHH. [40 CFR 63.1283(c)(2)(i)(B)]
Which Months: All Year Statistical Basis: None specified

2002 Closed-vent system (joints, seam, or other connections that are permanently or semi-permanently sealed): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 upon each occurrence of component or connection repair or replacement or connection unsealing, to demonstrate that it operates with no detectable emissions. Use the procedures in 40 CFR 63.1282(b). Submit inspection results in the Periodic Report as specified in 40 CFR 63.1285(e)(2)(iii). Subpart HHH. [40 CFR 63.1283(c)(2)(i)(B)]
Which Months: All Year Statistical Basis: None specified

2003 Closed-vent system (components other than those in 40 CFR 63.1283(c)(2)(i)): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures specified in 40 CFR 63.1282(b) to demonstrate that the closed-vent system operates with no detectable emissions. Submit inspection results with the Notification of Compliance Status Report as specified in 40 CFR 63.1285(d)(1) or (d)(2). Subpart HHH. [40 CFR 63.1283(c)(2)(ii)(A)]
Which Months: All Year Statistical Basis: None specified

2004 Closed-vent system (components other than those in 40 CFR 63.1283(c)(2)(i)): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually according to the procedures specified in 40 CFR 63.1282(b) to demonstrate that the components or connections operate with no detectable emissions. Submit inspection results in the Periodic Report as specified in 40 CFR 63.1285(e)(2)(iii). Subpart HHH. [40 CFR 63.1283(c)(2)(ii)(B)]
Which Months: All Year Statistical Basis: None specified

2005 Closed-vent system (components other than those in 40 CFR 63.1283(c)(2)(i)): Equipment/operational data monitored by visual inspection/determination annually for defects that could result in air emissions. Submit inspection results in the Periodic Report as specified in 40 CFR 63.1285(e)(2)(iii). Subpart HHH. [40 CFR 63.1283(c)(2)(ii)(C)]
Which Months: All Year Statistical Basis: None specified

2006 Closed-vent system (bypass device): Flow monitored by flow indicator once every 15 minutes. Install the flow indicator at the inlet to the bypass device. Subpart HHH. [40 CFR 63.1283(c)(2)(iii)(A)]
Which Months: All Year Statistical Basis: None specified

2007 Closed-vent system (bypass device): Seal or closure mechanism monitored by visual inspection/determination monthly to verify that the valve is maintained in the non-diverting position and the vent stream is not diverted through the bypass device. Subpart HHH. [40 CFR 63.1283(c)(2)(iii)(B)]
Which Months: All Year Statistical Basis: None specified

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2008 Closed-vent system: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.1283(c)(4). Subpart HHH. [40 CFR 63.1283(c)(3)]

2009 Closed-vent system (unsafe-to-inspect): Determine that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 63.1283(c)(2)(i) or (c)(2)(ii). Subpart HHH. [40 CFR 63.1283(c)(5)(i)]

2010 Cover (unsafe-to-inspect): Determine that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 63.1283(c)(2)(i) or (c)(2)(ii). Subpart HHH. [40 CFR 63.1283(c)(5)(i)]

2011 Closed-vent system (unsafe-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times. Subpart HHH. [40 CFR 63.1283(c)(5)(ii)]
Which Months: All Year Statistical Basis: None specified

2012 Cover (unsafe-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times. Subpart HHH. [40 CFR 63.1283(c)(5)(ii)]
Which Months: All Year Statistical Basis: None specified

2013 Closed-vent system (difficult-to-inspect): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than two meters above a support surface. Subpart HHH. [40 CFR 63.1283(c)(6)(i)]

2014 Cover (difficult-to-inspect): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than two meters above a support surface. Subpart HHH. [40 CFR 63.1283(c)(6)(i)]

2015 Closed-vent system (difficult-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Subpart HHH. [40 CFR 63.1283(c)(6)(ii)]
Which Months: All Year Statistical Basis: None specified

2016 Cover (difficult-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Subpart HHH. [40 CFR 63.1283(c)(6)(ii)]
Which Months: All Year Statistical Basis: None specified

2017 Temperature monitored by temperature monitoring device continuously, as specified. Subpart HHH. [40 CFR 63.1283(d)(3)(i)(A)]
Which Months: All Year Statistical Basis: None specified

2018 Temperature recordkeeping by electronic or hard copy continuously. Subpart HHH. [40 CFR 63.1283(d)(3)(i)(A)]

2019 Temperature monitored by temperature monitoring device continuously, as specified. Subpart HHH. [40 CFR 63.1283(d)(3)(i)(B)]
Which Months: All Year Statistical Basis: None specified

2020 Temperature recordkeeping by electronic or hard copy continuously. Subpart HHH. [40 CFR 63.1283(d)(3)(i)(B)]

2021 Organic compounds monitored by organic monitoring device continuously. Measure the concentration level in the exhaust vent stream from the control device, as specified. Subpart HHH. [40 CFR 63.1283(d)(3)(ii)]
Which Months: All Year Statistical Basis: None specified

2022 Organic compounds recordkeeping by electronic or hard copy continuously. Record the concentration level in the exhaust vent stream from the control device, as specified. Subpart HHH. [40 CFR 63.1283(d)(3)(ii)]

2023 Calculate the daily average value for each monitored operating parameter for each operating day using the data recorded by the monitoring system. Subpart HHH. [40 CFR 63.1283(d)(4)]

2024 Establish a minimum operating parameter value or a maximum operating parameter value, as appropriate for the control device, to define the conditions at which the control device must be operated to continuously achieve the applicable performance requirements of 40 CFR 63.1281(d)(1) or 40 CFR 63.1281(e)(3)(ii). Establish operating parameter values as specified in 40 CFR 63.1283(d)(5)(i)(A) and (d)(5)(i)(B). Subpart HHH. [40 CFR 63.1283(d)(5)(i)]

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2025 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in 40 CFR 63.1284(b) through (e). Subpart HHH. [40 CFR 63.1284]

2026 Maintain records as specified in 40 CFR 63.10(b)(3). Subpart HH. [40 CFR 63.760(e)]

2027 Design and operate in accordance with the requirements of 40 CFR 63.771(d). Subpart HH. [40 CFR 63.765(b)(1)(i)]

2028 Outlet emissions: Benzene < 0.90 Mg/yr. Subpart HH. [40 CFR 63.765(b)(1)(ii)]
Which Months: All Year Statistical Basis: None specified

2029 Design and operate in accordance with the requirements of 40 CFR 63.771(d), except that the performance levels specified in 40 CFR 63.771(d)(1)(i) and (ii) do not apply. Subpart HH. [40 CFR 63.765(b)(1)(ii)]

2030 Closed-vent system: Design and operate in accordance with the requirements of 40 CFR 63.771(c). Subpart HH. [40 CFR 63.765(b)(1)]

2031 Emissions to the atmosphere: HAP >= 95 % reduction. Subpart HH. [40 CFR 63.765(c)(2)]
Which Months: All Year Statistical Basis: None specified

2032 Closed-vent system: Route all gases, vapors, and fumes emitted from the material in a HAP emissions unit to a control device that meets the requirements specified in 40 CFR 63.771(d). Subpart HH. [40 CFR 63.771(c)(1)]

2033 Closed-vent system: Design and operate with no detectable emissions, as determined by 40 CFR 63.772(c). Subpart HH. [40 CFR 63.771(c)(2)]

2034 Closed-vent system (bypass device): Flow monitored by flow indicator periodically. The flow indicator must sound an alarm when the bypass device is open such that the stream is being, or could be, diverted away from the control device to the atmosphere Subpart HH. [40 CFR 63.771(c)(3)(i)(A)]
Which Months: All Year Statistical Basis: None specified

2035 Closed-vent system (bypass device): Secure the bypass device valve installed at the inlet to the bypass device in the non-diverting position using a car-seal or a lock-and-key type configuration. Subpart HH. [40 CFR 63.771(c)(3)(i)(B)]

2036 Total Organic Compounds (TOC) or HAP >= 95 % reduction by weight or <= 20 ppmv on a dry basis corrected to 3 percent oxygen, as determined in accordance with the requirements of 40 CFR 63.772(e); or Residence time >= 0.5 seconds at a minimum temperature of 760 degrees C. Subpart HH. [40 CFR 63.771(d)(1)(i)]
Which Months: All Year Statistical Basis: None specified

2037 Operate at all times when gases, vapors, and fumes are vented from the HAP emissions unit or units through the closed-vent system to the control device, as required under 40 CFR 63.765, 40 CFR 63.766, and 40 CFR 63.769, except when maintenance or repair on a unit cannot be completed without a shutdown of the control device. Subpart HH. [40 CFR 63.771(d)(4)(i)]

2038 Demonstrate compliance with the monitoring requirements of 40 CFR 63.773(d) according to the requirements of 40 CFR 63.772(f) or (g), as applicable. Subpart HH. [40 CFR 63.771(d)(4)(ii)]

2039 Demonstrate that the control device meets the requirements of 40 CFR 63.771(d)(1) or (e)(3)(ii) by conducting a performance test. Use the test methods and procedures specified in 40 CFR 63.772(e)(3)(i) through (e)(3)(iv). Submit the performance test results in the Notification of Compliance Status Report as required in 40 CFR 63.775(d)(1)(ii). Subpart HH. [40 CFR 63.772(e)(3)]

2040 Demonstrate that the control device meets the requirements of 40 CFR 63.771(d)(1) or (e)(3)(ii) by conducting a design analysis meeting the requirements of 40 CFR 63.772(e)(4)(i) and (e)(4)(ii). Submit documentation of the design analysis as a part of the Notification of Compliance Status Report as required in 40 CFR 63.775(d)(1)(i). Subpart HH. [40 CFR 63.772(e)(4)]

2041 Establish a site specific maximum or minimum monitoring parameter value (as appropriate) according to the requirements of 40 CFR 63.773(d)(5)(i). Subpart HH. [40 CFR 63.772(f)(1)]

2042 Calculate the daily average of the applicable monitored parameter in accordance with 40 CFR 63.773(d)(4). Subpart HH. [40 CFR 63.772(f)(2)]

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2043 Closed-vent system (joints, seams, or other connections that are permanently or semi-permanently sealed): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures specified in 40 CFR 63.772(c) to demonstrate that the closed-vent system operates with no detectable emissions. Submit inspection results with the Notification of Compliance Status Report as specified in 40 CFR 63.775(d)(1) or (d)(2). Subpart HH. [40 CFR 63.773(c)(2)(i)(A)]
Which Months: All Year Statistical Basis: None specified

2044 Closed-vent system (joints, seams, or other connections that are permanently or semi-permanently sealed): Equipment/operational data monitored by visual inspection/determination annually for defects that could result in air emissions. Submit the inspection results in the Periodic Report as specified in 40 CFR 63.775(e)(2)(iii). Subpart HH. [40 CFR 63.773(c)(2)(i)(B)]
Which Months: All Year Statistical Basis: None specified

2045 Closed-vent system (joints, seams, or other connections that are permanently or semi-permanently sealed): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 upon each occurrence of component repair or replacement or connection unsealing, to demonstrate that it operates with no detectable emissions. Use the procedures in 40 CFR 63.772(c). Submit the inspection results in the Periodic Report as specified in 40 CFR 63.775(e)(2)(iii). Subpart HH. [40 CFR 63.773(c)(2)(i)(B)]
Which Months: All Year Statistical Basis: None specified

2046 Closed-vent system (components other than those in 40 CFR 63.773(c)(2)(1)): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures specified in 40 CFR 63.772(c) to demonstrate that the closed-vent system operates with no detectable emissions. Submit inspection results with the Notification of Compliance Status Report as specified in 40 CFR 63.775(d)(1) or (d)(2). Subpart HH. [40 CFR 63.773(c)(2)(ii)(A)]
Which Months: All Year Statistical Basis: None specified

2047 Closed-vent system (components other than those in 40 CFR 63.773(c)(2)(1)): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually according to the procedures specified in 40 CFR 63.772(c) to demonstrate that the components or connections operate with no detectable emissions. Submit the inspection results in the Periodic Report as specified in 40 CFR 63.775(e)(2)(iii). Subpart HH. [40 CFR 63.773(c)(2)(ii)(B)]
Which Months: All Year Statistical Basis: None specified

2048 Closed-vent system (components other than those in 40 CFR 63.773(c)(2)(1)): Equipment/operational data monitored by visual inspection/determination annually for defects that could result in air emissions. Submit the inspection results in the Periodic Report as specified in 40 CFR 63.775(e)(2)(iii). Subpart HH. [40 CFR 63.773(c)(2)(ii)(C)]
Which Months: All Year Statistical Basis: None specified

2049 Closed-vent system (bypass device): Flow monitored by flow indicator once every 15 minutes. Install the flow indicator at the inlet to the bypass device. Subpart HH. [40 CFR 63.773(c)(2)(iv)(A)]
Which Months: All Year Statistical Basis: None specified

2050 Closed-vent system (bypass device): Seal or closure mechanism monitored by visual inspection/determination monthly to verify that the valve is maintained in the non-diverting position and the vent stream is not diverted through the bypass device. Subpart HH. [40 CFR 63.773(c)(2)(iv)(B)]
Which Months: All Year Statistical Basis: None specified

2051 Closed-vent system: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.773(c)(4). Subpart HH. [40 CFR 63.773(c)(3)]

2052 Closed-vent system (unsafe-to-inspect): Determine that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 63.773(c)(2)(i), (ii), or (iii). Subpart HH. [40 CFR 63.773(c)(5)(i)]

2053 Closed-vent system (unsafe-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times. Subpart HH. [40 CFR 63.773(c)(5)(ii)]
Which Months: All Year Statistical Basis: None specified

2054 Closed-vent system (difficult-to-inspect): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than 2 meters above a support surface. Subpart HH. [40 CFR 63.773(c)(6)(i)]

EQT022 Incinerator

2055 Closed-vent system (difficult-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Subpart HH. [40 CFR 63.773(c)(6)(ii)]

2056 Ensure that the continuous monitoring system used to comply with 40 CFR 63.773(d)(3) through (d)(9) is designed and operated so that a determination can be made on whether the control device is achieving the applicable performance requirements of 40 CFR 63.771(d) or (e)(3). Subpart HH. [40 CFR 63.773(d)(1)]

2057 Temperature monitored by temperature monitoring device continuously, as specified. Subpart HH. [40 CFR 63.773(d)(3)(i)(A)]
Which Months: All Year Statistical Basis: None specified

2058 Temperature recordkeeping by electronic or hard copy continuously. Subpart HH. [40 CFR 63.773(d)(3)(i)(A)]

2059 Temperature monitored by temperature monitoring device continuously, as specified. Subpart HH. [40 CFR 63.773(d)(3)(i)(B)]
Which Months: All Year Statistical Basis: None specified

2060 Temperature recordkeeping by electronic or hard copy continuously. Subpart HH. [40 CFR 63.773(d)(3)(i)(B)]

2061 Organic compounds monitored by organic monitoring device continuously. Measure the concentration level in the exhaust vent stream from the control device, as specified. Subpart HH. [40 CFR 63.773(d)(3)(ii)]
Which Months: All Year Statistical Basis: None specified

2062 Organic compounds recordkeeping by electronic or hard copy continuously. Record the concentration level in the exhaust vent stream from the control device, as specified. Subpart HH. [40 CFR 63.773(d)(3)(ii)]

2063 Calculate the daily average value for each monitored operating parameter for each operating day using the data recorded by the monitoring system. Subpart HH. [40 CFR 63.773(d)(4)]

2064 Establish a minimum operating parameter value or a maximum operating parameter value, as appropriate for the control device, to define the conditions at which the control device must be operated to continuously achieve the applicable performance requirements of 40 CFR 63.771(d)(1) or 40 CFR 63.771(e)(3)(ii). Establish operating parameter values as specified in 40 CFR 63.773(d)(5)(i)(A) and (d)(5)(i)(B). Subpart HH. [40 CFR 63.773(d)(5)(i)]

2065 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in 40 CFR 63.774(b) through (e). Subpart HH. [40 CFR 63.774]

EQT025 Pneumatic Pump

2066 Nonhalogenated hydrocarbon burning: Temperature >= 1300 F (704 degrees C) for 0.3 second or greater in a direct-flame afterburner or an equally effective device which achieves a removal efficiency of 95 percent or greater, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 50 ppm by volume, whichever is less stringent. [LAC 33:III.2115.A]
Which Months: All Year Statistical Basis: None specified

2067 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.B]
Which Months: All Year Statistical Basis: None specified

2068 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.C]
Which Months: All Year Statistical Basis: None specified

EQT025 Pneumatic Pump

2069 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.D]
Which Months: All Year Statistical Basis: None specified

2070 VOC, Total <= 0.12 kg/1000 kg of product from the material recovery section. [LAC 33:III.2115.E]
Which Months: All Year Statistical Basis: None specified

2071 Halogenated hydrocarbons, total >= 95 % removal efficiency as determined in accordance with LAC 33:III.2115.J.1, by combustion or other methods specified in LAC 33:III.2115.G. If combusted, reduce the halogenated products of combustion to an emission level acceptable to DEQ. [LAC 33:III.2115.F]
Which Months: All Year Statistical Basis: None specified

2072 Determine compliance with LAC 33:III.2115.A through G by applying the test methods specified in LAC 33:III.2115.I.1 through 5, as appropriate. [LAC 33:III.2115.I]

2073 Demonstrate compliance with LAC 33:III.2115 as requested by DEQ. [LAC 33:III.2115.J.1]

2074 Install and maintain monitors to accurately measure and record operational parameters of all required control devices as necessary to ensure the proper functioning of those devices in accordance with design specifications. Monitor and record at a minimum the parameters listed in LAC 33:III.2115.J.2.a through e. [LAC 33:III.2115.J.2]

2075 Comply with LAC 33:III.2115 as soon as practicable but in no event later than August 20, 2003. Comply with the requirements of LAC 33:III.2115 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2115 as a result of a revision of LAC 33:III.2115. [LAC 33:III.2115.J]

2076 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.2115.K.1 through K.3. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

2077 Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

2078 Equipment/operational data <=_ appropriate units. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

2079 Equipment/operational data monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

2080 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total xxxxxxxxxxxxxxxxxxxxxx each month, as well as the total xxxxxxxxxxxxxxxx for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

2081 Submit report: Due annually, by the 31st of March. Report the xxxxxxxxxxxxxxxxxx for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

2082 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]

2083 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]

2084 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]

2085 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]

EQT025 Pneumatic Pump

2086 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]

2087 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]

2088 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]

2089 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]

2090 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

2091 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]

2092 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]

2093 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]

EQT026 Process Vent

2094 Nonhalogenated hydrocarbon burning: Temperature >= 1300 F (704 degrees C) for 0.3 second or greater in a direct-flame afterburner or an equally effective device which achieves a removal efficiency of 95 percent or greater, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 50 ppm by volume, whichever is less stringent. [LAC 33:III.2115.A]
Which Months: All Year Statistical Basis: None specified

2095 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.B]
Which Months: All Year Statistical Basis: None specified

2096 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.C]
Which Months: All Year Statistical Basis: None specified

2097 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.D]
Which Months: All Year Statistical Basis: None specified

2098 VOC, Total <= 0.12 kg/1000 kg of product from the material recovery section. [LAC 33:III.2115.E]
Which Months: All Year Statistical Basis: None specified

2099 Halogenated hydrocarbons, total >= 95 % removal efficiency as determined in accordance with LAC 33:III.2115.J.1, by combustion or other methods specified in LAC 33:III.2115.G. If combusted, reduce the halogenated products of combustion to an emission level acceptable to DEQ. [LAC 33:III.2115.F]
Which Months: All Year Statistical Basis: None specified

2100 Determine compliance with LAC 33:III.2115.A through G by applying the test methods specified in LAC 33:III.2115.I.1 through 5, as appropriate. [LAC 33:III.2115.I]

SPECIFIC REQUIREMENTS

AI ID: 122793 - Title V General Permit
Activity Number: PER20040001
Permit Number: General Permit
Air - Title V General Permit Initial

EQT026 Process Vent

2101 Demonstrate compliance with LAC 33:III.2115 as requested by DEQ. [LAC 33:III.2115.J.1]

2102 Install and maintain monitors to accurately measure and record operational parameters of all required control devices as necessary to ensure the proper functioning of those devices in accordance with design specifications. Monitor and record at a minimum the parameters listed in LAC 33:III.2115.J.2.a through e. [LAC 33:III.2115.J.2]

2103 Comply with LAC 33:III.2115 as soon as practicable but in no event later than August 20, 2003. Comply with the requirements of LAC 33:III.2115 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2115 as a result of a revision of LAC 33:III.2115. [LAC 33:III.2115.J]

2104 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.2115.K.1 through K.3. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

2105 Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

2106 Equipment/operational data <=_ appropriate units. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

2107 Equipment/operational data monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

2108 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total xxxxxxxxxxxxxxxxxxxxx each month, as well as the total xxxxxxxxxxxxxxxx for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

2109 Submit report: Due annually, by the 31st of March. Report the xxxxxxxxxxxxxxxxxx for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

2110 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]

2111 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]

2112 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]

2113 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]

2114 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]

2115 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]

2116 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]

2117 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]

2118 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

2119 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]

EQT026 Process Vent

2120 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]

2121 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]

EQT027 Reactor

2122 Nonhalogenated hydrocarbon burning: Temperature >= 1300 F (704 degrees C) for 0.3 second or greater in a direct-flame afterburner or an equally effective device which achieves a removal efficiency of 95 percent or greater, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 50 ppm by volume, whichever is less stringent. [LAC 33:III.2115.A]
Which Months: All Year Statistical Basis: None specified

2123 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.B]
Which Months: All Year Statistical Basis: None specified

2124 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.C]
Which Months: All Year Statistical Basis: None specified

2125 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.D]
Which Months: All Year Statistical Basis: None specified

2126 VOC, Total <= 0.12 kg/1000 kg of product from the material recovery section. [LAC 33:III.2115.E]
Which Months: All Year Statistical Basis: None specified

2127 Halogenated hydrocarbons, total >= 95 % removal efficiency as determined in accordance with LAC 33:III.2115.J.1, by combustion or other methods specified in LAC 33:III.2115.G. If combusted, reduce the halogenated products of combustion to an emission level acceptable to DEQ. [LAC 33:III.2115.F]
Which Months: All Year Statistical Basis: None specified

2128 Determine compliance with LAC 33:III.2115.A through G by applying the test methods specified in LAC 33:III.2115.I.1 through 5, as appropriate. [LAC 33:III.2115.I]

2129 Demonstrate compliance with LAC 33:III.2115 as requested by DEQ. [LAC 33:III.2115.J.1]

2130 Install and maintain monitors to accurately measure and record operational parameters of all required control devices as necessary to ensure the proper functioning of those devices in accordance with design specifications. Monitor and record at a minimum the parameters listed in LAC 33:III.2115.J.2.a through e. [LAC 33:III.2115.J.2]

2131 Comply with LAC 33:III.2115 as soon as practicable but in no event later than August 20, 2003. Comply with the requirements of LAC 33:III.2115 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2115 as a result of a revision of LAC 33:III.2115. [LAC 33:III.2115.J]

2132 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.2115.K.1 through K.3. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

2133 Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

SPECIFIC REQUIREMENTS

AI ID: 122793 - Title V General Permit
Activity Number: PER20040001
Permit Number: General Permit
Air - Title V General Permit Initial

EQT027 Reactor

2134 Equipment/operational data <=_ appropriate units. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

2135 Equipment/operational data monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

2136 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total xxxxxxxxxxxxxxxxxxxxxx each month, as well as the total xxxxxxxxxxxxxxxx for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

2137 Submit report: Due annually, by the 31st of March. Report the xxxxxxxxxxxxxxxxxx for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

2138 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]

2139 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]

2140 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]

2141 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]

2142 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]

2143 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]

2144 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]

2145 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]

2146 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

2147 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]

2148 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]

2149 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]

EQT028 Vapor Degreasers

2150 Do not operate or maintain a system utilizing a volatile organic compound for the open top vapor cleaning of objects without a cover that can be opened and closed easily without disturbing the vapor zone. [LAC 33:III.2125.A.1]

2151 Do not operate or maintain a system using a volatile organic compound for the open top vapor cleaning of objects without complying with the operating procedures outlined in LAC 33:III.2125.A.2.a through m. [LAC 33:III.2125.A.2]

2152 Do not operate or maintain a system utilizing a volatile organic compound for the open top vapor cleaning of objects without the safety switches specified in LAC 33:III.2125.A.3.a through d. [LAC 33:III.2125.A.3]

EQT028 Vapor Degreasers

2153 Do not operate or maintain a system utilizing a volatile organic compound for the conveyorized cleaning of objects without the controls specified in LAC 33:III.2125.B.8.a through h. [LAC 33:III.2125.B.8]

2154 Do not operate or maintain a system utilizing a volatile organic compound for the conveyorized cleaning of objects without complying with the operation procedures specified in LAC 33:III.2125.B.1 through 8. [LAC 33:III.2125.B]

2155 Do not operate or maintain a system utilizing a volatile organic compound for the cold cleaning of objects without a cover that can be opened or closed easily. [LAC 33:III.2125.C.1]

2156 Install one of the control devices specified in LAC 33:III.2125.C.1.a through c, if the solvent volatility is greater than 2.3 kPa (0.6 psi) measured at 38 degrees C (100 degrees F) or if the solvent is heated to above 50 degrees C (120 degrees F). [LAC 33:III.2125.C.1]

2157 Do not operate or maintain a system using a volatile organic compound for cold cleaning of objects without complying with the operating procedures specified in LAC 33:III.2125.C.2.a through j. [LAC 33:III.2125.C.2]

2158 Demonstrate compliance with LAC 33:III.2125 by applying the test methods specified in LAC 33:III.2125.E.1 through E.4, as applicable. [LAC 33:III.2125.E]

2159 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the amount and type of solvent purchased each month; the amount and type of waste solvent disposed of each month; records of control equipment maintenance, such as replacement of the carbon in a carbon adsorption unit, when applicable; and results of all tests conducted in accordance with the requirements described in LAC 33:III.2125.E. Maintain records at the facility for at least two years. [LAC 33:III.2125.F]

2160 Achieve compliance with LAC 33:III.2125 as expeditiously as possible but in no event later than one year after becoming an affected facility. [LAC 33:III.2125.G]

2161 Equipment/operational data <=_ appropriate units. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

2162 Equipment/operational data monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

2163 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total xxxxxxxxxxxxxxxxxxxxxx each month, as well as the total xxxxxxxxxxxxxxxx for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

2164 Submit report: Due annually, by the 31st of March. Report the xxxxxxxxxxxxxxxxxx for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

2165 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]

2166 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]

2167 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]

2168 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]

2169 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]

2170 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]

2171 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]

2172 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]

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2173 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

2174 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]

2175 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]

2176 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]

2177 Achieve compliance with the provisions of 40 CFR 63 Subpart T immediately upon start-up or by December 2, 1994, whichever is later. Subpart T. [40 CFR 63.460(c)]

2178 Achieve compliance with the provisions of 40 CFR 63 Subpart T no later than December 2, 1997. Subpart T. [40 CFR 63.460(d)]

2179 Achieve compliance with the provisions of 40 CFR 63 Subpart T no later than December 2, 1999. Subpart T. [40 CFR 63.460(g)]

2180 Employ a tightly fitting cover that shall be closed at all times except during parts entry and removal. Subpart T. [40 CFR 63.462(a)(1)]

2181 Water layer: Thickness >= 2.5 cm (1.0 inch) on the surface of the solvent within the cleaning machine. Subpart T. [40 CFR 63.462(a)(1)]
Which Months: All Year Statistical Basis: None specified

2182 Employ a tightly fitting cover that shall be closed at all times except during parts entry and removal. Subpart T. [40 CFR 63.462(a)(2)]

2183 Freeboard Ratio >= 0.75 (no units). Subpart T. [40 CFR 63.462(a)(2)]
Which Months: All Year Statistical Basis: None specified

2184 Employ a tightly fitting cover over the solvent sump that shall be closed at all times except during the cleaning of parts. Subpart T. [40 CFR 63.462(b)]

2185 Comply with the work and operational practice requirements specified in 40 CFR 63.462(c)(1) through (c)(9), as applicable. Subpart T. [40 CFR 63.462(c)]

2186 Ensure that each existing or new batch vapor or in-line solvent cleaning machine conforms to the design requirements specified in 40 CFR 63.463(a)(1) through (a)(7). Subpart T. [40 CFR 63.463(a)]

2187 Employ one of the control combinations listed in 40 CFR 63 Subpart T Table 1 or other equivalent methods of control as determined using the procedure in 40 CFR 63.469. Subpart T. [40 CFR 63.463(b)(1)(i)]

2188 Demonstrate that the solvent cleaning machine can achieve and maintain an idling emission limit of 0.22 kg/hr/m^2 (0.045 lb/hr/ft^2) of solvent/air interface area, as determined using the procedures in 40 CFR 63.465(a) and 40 CFR 63, Appendix A. Subpart T. [40 CFR 63.463(b)(1)(ii)]

2189 Employ one of the control combinations listed in 40 CFR 63 Subpart T Table 2 or other equivalent methods of control as determined using the procedure in 40 CFR 63.469. Subpart T. [40 CFR 63.463(b)(2)(i)]

2190 Demonstrate that the solvent cleaning machine can achieve and maintain an idling emission limit of 0.22 kg/hr/m^2 (0.045 lb/hr/ft^2) of solvent/air interface area, as determined using the procedures in 40 CFR 63.465(a) and 40 CFR 63, Appendix A. Subpart T. [40 CFR 63.463(b)(2)(ii)]

2191 Employ one of the control combinations listed in 40 CFR 63 Subpart T Table 3 or other equivalent methods of control as determined using the procedure in 40 CFR 63.469. Subpart T. [40 CFR 63.463(c)(1)(i)]

2192 Demonstrate that the solvent cleaning machine can achieve and maintain an idling emission limit of 0.10 kg/hr/m^2 (0.021 lb/hr/ft^2) of solvent/air interface area as determined using the procedures in 40 CFR 63.465(a) and 40 CFR 63, Appendix A. Subpart T. [40 CFR 63.463(c)(1)(ii)]

2193 Employ one of the control combinations listed in 40 CFR 63 Subpart T Table 4 or other equivalent methods of control as determined using the procedure in 40 CFR 63.469. Subpart T. [40 CFR 63.463(c)(2)(i)]

2194 Demonstrate that the solvent cleaning machine can achieve and maintain an idling emission limit of 0.10 kg/hr/m^2 (0.021 lb/hr/ft^2) of solvent/air interface area as determined using the procedures in 40 CFR 63.465(a) and 40 CFR 63, Appendix A. Subpart T. [40 CFR 63.463(c)(2)(ii)]

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2195 Meet all of the required work and operational practices specified in 40 CFR 63.463(d)(1) through (d)(12), as applicable. Subpart T. [40 CFR 63.463(d)]

2196 Demonstrate compliance with the applicable idling emission limit by conducting an initial performance test. Conduct periodic monitoring of parameters established during the performance test to demonstrate compliance. Operate the solvent cleaning machine within these parameters. If any of the requirements in 40 CFR 63.463(f)(1) through (f)(3) are not met, determine whether an exceedance has occurred using the criteria in 40 CFR 63.463(f)(4)(i) and (f)(4)(ii). Subpart T. [40 CFR 63.463(f)]

2197 Install, maintain, and operate one of the control combinations listed in 40 CFR 63.463(g)(1)(i) and (g)(1)(ii). Subpart T. [40 CFR 63.463(g)(1)]

2198 Comply with the provisions in 40 CFR 63.463(g)(3)(i) through (g)(3)(vii). Subpart T. [40 CFR 63.463(g)(3)]

2199 Comply with the provisions in 40 CFR 63.463(g)(4)(i) through (g)(4)(ix). Subpart T. [40 CFR 63.463(g)(4)]

2200 Install, maintain, and operate one of the controls listed in 40 CFR 63.463(h)(1)(i) through (h)(1)(iii). Subpart T. [40 CFR 63.463(h)(1)]

2201 Comply with the provisions in 40 CFR 63.463(h)(2)(i) through (h)(2)(v). Subpart T. [40 CFR 63.463(h)(2)]

2202 Comply with the provisions in 40 CFR 63.463(h)(3)(i) through (h)(3)(viii). Subpart T. [40 CFR 63.463(h)(3)]

2203 Equipment/operational data recordkeeping by logbook upon each occurrence of solvent additions and deletions for each solvent cleaning machine. Subpart T. [40 CFR 63.464(a)(1)(i)]

2204 Ensure that the emissions from each solvent cleaning machine are equal to or less than the applicable emission limit presented in Table 5 of 40 CFR 63 Subpart T as determined using the procedures in 40 CFR 63.465(b) and (c). Subpart T. [40 CFR 63.464(a)(1)(ii)]

2205 Equipment/operational data recordkeeping by logbook upon each occurrence of solvent additions and deletions for each solvent cleaning machine. Subpart T. [40 CFR 63.464(a)(2)(i)]

2206 Ensure that the emissions from each solvent cleaning machine are equal to or less than the appropriate limits as described in 40 CFR 63.464(a)(2)(ii)(A) and (a)(2)(ii)(B). Subpart T. [40 CFR 63.464(a)(2)(ii)]

2207 Demonstrate compliance with the applicable 3-month rolling average monthly emission limit on a monthly basis as described in 40 CFR 63.465(b) and (c). Subpart T. [40 CFR 63.464(b)]

2208 Determine the idling emission rate using Reference Method 307 in appendix A of 40 CFR part 63. Subpart T. [40 CFR 63.465(a)]

2209 On the first operating day of every month, ensure that the solvent cleaning machine system contains only clean liquid solvent. Indicate a fill line during the first month the measurements are made. Return the solvent level to the same fill line each month, immediately prior to calculating monthly emissions as specified in 40 CFR 63.465(c). Subpart T. [40 CFR 63.465(b)]

2210 On the first operating day of the month, determine solvent emissions as specified in 40 CFR 63.465(c)(1) through (c)(3), except as specified in 40 CFR 63.465(f) and (g). Subpart T. [40 CFR 63.465(c)]

2211 Determine the appropriate dwell time for each part or parts basket using the procedure specified in 40 CFR 63.465(d)(1) and (d)(2). Subpart T. [40 CFR 63.465(d)]

2212 Determine the potential to emit from all solvent cleaning operations, using the procedures described in 40 CFR 63.465(e)(1) through (e)(3). Subpart T. [40 CFR 63.465(e)]

2213 Determine the maximum product throughput using the method specified in 40 CFR 63.465(f)(1) through (f)(4). Subpart T. [40 CFR 63.465(f)]

2214 On the first day of every month, ensure that the solvent cleaning machine contains only clean liquid solvent. Indicate a fill line during the first month the measurements are made. Return the solvent level to the same fill line each month, immediately prior to calculating overall cleaning system control efficiency emissions as specified in 40 CFR 63.465(h). Subpart T. [40 CFR 63.465(g)]

2215 Determine the overall cleaning system control efficiency using the equation in 40 CFR 63.465(h)(1). Subpart T. [40 CFR 63.465(h)]

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2216 Equipment/operational data monitored by technically sound method monthly. Determine the hoist speed by measuring the time it takes for the hoist to travel a measured distance. If after the first year, no exceedances of the hoist speed are measured, monitoring may be done quarterly. If an exceedance of the hoist speed occurs during quarterly monitoring, return to monthly monitoring until another year of compliance without an exceedance is demonstrated. Required monitoring frequency is quarterly if it can be demonstrated in the initial compliance report that the hoist cannot exceed a speed of 3.4 meters per minute (11 feet per minute). Subpart T. [40 CFR 63.466(c)]
Which Months: All Year Statistical Basis: None specified

2217 Equipment/operational data monitored by technically sound method once initially. Monitor windspeed within 6 inches above the top of the freeboard area of the solvent cleaning machine using the procedure specified in 40 CFR 63.466(d)(1)(i)(A) through (d)(1)(i)(D), and monitor the room parameters established during the initial compliance test that are used to achieve the reduced room draft, if complying with the equipment standards in 40 CFR 63.463(b) and (c) using a reduced room draft. Subpart T. [40 CFR 63.466(d)(1)]
Which Months: All Year Statistical Basis: None specified

2218 Equipment/operational data recordkeeping by electronic or hard copy once initially. Record windspeed within 6 inches above the top of the freeboard area of the solvent cleaning machine using the procedure specified in 40 CFR 63.466(d)(1)(i)(A) through (d)(1)(i)(D), and record the room parameters established during the initial compliance test that are used to achieve the reduced room draft, if complying with the equipment standards in 40 CFR 63.463(b) and (c) using a reduced room draft. Subpart T. [40 CFR 63.466(d)(1)]

2219 Equipment/operational data monitored by technically sound method quarterly. Monitor windspeed within 6 inches above the top of the freeboard area of the solvent cleaning machine using the procedure specified in 40 CFR 63.466(d)(1)(i)(A) through (d)(1)(i)(D), if complying with the equipment standards in 40 CFR 63.463(b) and (c) using a reduced room draft. Subpart T. [40 CFR 63.466(d)(1)]
Which Months: All Year Statistical Basis: None specified

2220 Equipment/operational data recordkeeping by electronic or hard copy quarterly. Record windspeed within 6 inches above the top of the freeboard area of the solvent cleaning machine using the procedure specified in 40 CFR 63.466(d)(1)(i)(A) through (d)(1)(i)(D), if complying with the equipment standards in 40 CFR 63.463(b) and (c) using a reduced room draft. Subpart T. [40 CFR 63.466(d)(1)]

2221 Equipment/operational data monitored by technically sound method weekly. Monitor the room parameters established during the initial compliance test that are used to achieve the reduced room draft, if complying with the equipment standards in 40 CFR 63.463(b) and (c) using a reduced room draft. Subpart T. [40 CFR 63.466(d)(1)]
Which Months: All Year Statistical Basis: None specified

2222 Equipment/operational data recordkeeping by electronic or hard copy weekly. Record the room parameters established during the initial compliance test that are used to achieve the reduced room draft, if complying with the equipment standards in 40 CFR 63.463(b) and (c) using a reduced room draft. Subpart T. [40 CFR 63.466(d)(1)]

2223 Equipment/operational data monitored by technically sound method once initially. Determine the direction of the wind current in the enclosure by slowly rotating a velometer inside the entrance to the enclosure until the maximum speed is located, if complying with the equipment standards in 40 CFR 63.463(b) and (c) using a reduced room draft. Subpart T. [40 CFR 63.466(d)(2)]
Which Months: All Year Statistical Basis: None specified

2224 Equipment/operational data recordkeeping by electronic or hard copy once initially. Record the maximum wind speed, if complying with the equipment standards in 40 CFR 63.463(b) and (c) using a reduced room draft. Subpart T. [40 CFR 63.466(d)(2)]

2225 Equipment/operational data monitored by technically sound method monthly. Determine the direction of the wind current in the enclosure by slowly rotating a velometer inside the entrance to the enclosure until the maximum speed is located, if complying with the equipment standards in 40 CFR 63.463(b) and (c) using a reduced room draft. Subpart T. [40 CFR 63.466(d)(2)]
Which Months: All Year Statistical Basis: None specified

2226 Equipment/operational data recordkeeping by electronic or hard copy monthly. Record the maximum wind speed, if complying with the equipment standards in 40 CFR 63.463(b) and (c) using a reduced room draft. Subpart T. [40 CFR 63.466(d)(2)]

SPECIFIC REQUIREMENTS

AI ID: 122793 - Title V General Permit
Activity Number: PER20040001
Permit Number: General Permit
Air - Title V General Permit Initial

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2227 Equipment/operational data monitored by visual inspection/determination monthly. Monitor the enclosure to determine if it is free of cracks, holes and other defects, if complying with the equipment standards in 40 CFR 63.463(b) and (c) using a reduced room draft. Subpart T. [40 CFR 63.466(d)(2)]
Which Months: All Year Statistical Basis: None specified

2228 Equipment/operational data recordkeeping by electronic or hard copy monthly. Record the results of the enclosure monitoring, if complying with the equipment standards in 40 CFR 63.463(b) and (c) using a reduced room draft. Subpart T. [40 CFR 63.466(d)(2)]

2229 Comply with the monitoring frequency requirements in 40 CFR 63.466(a) through (e). Subpart T. [40 CFR 63.466(f)(1)]

2230 Establish the monitoring frequency for each control and submit in the initial test report to DEQ for approval. Subpart T. [40 CFR 63.466(f)(2)]

2231 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain the records specified in 40 CFR 63.467(c)(1) through (c)(3) for a period of five years. Subpart T. [40 CFR 63.467(c)]

2232 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records on the method used to determine the cleaning capacity of the cleaning machine. Subpart T. [40 CFR 63.467(d)]

2233 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain the records specified in 40 CFR 63.467(e)(1) through (e)(4) for a period of five years. Subpart T. [40 CFR 63.467(e)]

2234 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep the records specified in 40 CFR 63.467(a) and (b). Maintain the records in 40 CFR 63.467(a) for the lifetime of the machine and maintain the records in 40 CFR 63.467(b) for a period of five years. Subpart T. [40 CFR 63.467]

2235 Submit Initial Notification: Due no later than August 29, 1995. Include the information specified in 40 CFR 63.468(a)(1) through (a)(6). Subpart T. [40 CFR 63.468(a)]

2236 Submit Initial Notification: Due as soon as practicable before startup but no later than January 31, 1995. Include all of the information required in 40 CFR 63.5(d)(1), with the revisions and additions in 40 CFR 63.468(b)(1) through (b)(3). Subpart T. [40 CFR 63.468(b)]

2237 Submit Initial Notification: Due as soon as practicable before the construction or reconstruction is planned to commence. Include all of the information required in 40 CFR 63.5(d)(1), with the revisions and additions in 40 CFR 63.468(b)(1) through (b)(3). Subpart T. [40 CFR 63.468(b)]

2238 Submit Compliance Report: Due no later than 150 days after the compliance date specified in 40 CFR 63.460(d). Include the requirements specified in 40 CFR 63.468(c)(1) through (c)(4). Subpart T. [40 CFR 63.468(c)]

2239 Submit Compliance Report: Due no later than 150 days after startup or May 1, 1995, whichever is later. Include the requirements specified in 40 CFR 63.468(c)(1) through (c)(4). Subpart T. [40 CFR 63.468(c)]

2240 Submit Initial Statement of Compliance: Due no later than 150 days after the compliance date specified in 40 CFR 63.460(d). Include the requirements specified in 40 CFR 63.468(d)(1) through (d)(6). Subpart T. [40 CFR 63.468(d)]

2241 Submit Initial Statement of Compliance: Due no later than 150 days after startup or May 1, 1995, whichever is later. Include the requirements specified in 40 CFR 63.468(d)(1) through (d)(6). Subpart T. [40 CFR 63.468(d)]

2242 Submit Initial Statement of Compliance: Due no later than 150 days after the compliance date specified in 40 CFR 63.460(d). Include the requirements specified in 40 CFR 63.468(e)(1) through (e)(4). Subpart T. [40 CFR 63.468(e)]

2243 Submit Initial Statement of Compliance: Due no later than 150 days after startup or May 1, 1995, whichever is later. Include the requirements specified in 40 CFR 63.468(e)(1) through (e)(4). Subpart T. [40 CFR 63.468(e)]

2244 Submit report: Due annually, by the 1st of February. Include the requirements specified in 40 CFR 63.468(f)(1) through (f)(3). Subpart T. [40 CFR 63.468(f)]

2245 Submit Solvent Emission Report: Due every year. Include the information specified in 40 CFR 63.468(g)(1) through (g)(4). Subpart T. [40 CFR 63.468(g)]

2246 Submit Exceedance Report: Due semiannually by the 30th day following the end of each calendar half. If it is determined that more frequent reporting is necessary to accurately assess the compliance status, or if an exceedance occurs, submit exceedance report on a quarterly basis. Include the information specified in 40 CFR 63.468(h)(1) through (h)(3). Subpart T. [40 CFR 63.468(h)]

2247 Submit equivalency request report: Due no later than June 3, 1996. Subpart T. [40 CFR 63.468(k)]

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2248 Submit equivalency request report: Due prior to startup. Subpart T. [40 CFR 63.468(k)]

EQT029 Cooling Tower

2249 Equipment/operational data <=_ appropriate units. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

2250 Equipment/operational data monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

2251 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total xxxxxxxxxxxxxxxxxxxxxx each month, as well as the total xxxxxxxxxxxxxxxx for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

2252 Submit report: Due annually, by the 31st of March. Report the xxxxxxxxxxxxxxxxxx for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

2253 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]

2254 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]

2255 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]

2256 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]

2257 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]

2258 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]

2259 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]

2260 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]

2261 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

2262 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]

2263 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]

2264 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]

EQT030 Storage Vessel - Subject to 40CFR60 Subpart K

2265 Equip with a submerged fill pipe. [LAC 33:III.2103.A]

EQT030 Storage Vessel - Subject to 40CFR60 Subpart K

2266 Equip with a vapor loss control system, consisting of a gathering system capable of collecting volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. All tank gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2103.A]

2267 Maintain working pressures sufficient at all times under normal operating conditions to prevent vapor or gas loss to the atmosphere. [LAC 33:III.2103.A]

2268 Maintain working pressures sufficient at all times under normal operating conditions to prevent vapor or gas loss to the atmosphere. [LAC 33:III.2103.B]

2269 Equip with a submerged fill pipe. [LAC 33:III.2103.B]

2270 Equip internal floating roof with a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank. [LAC 33:III.2103.C.1.a]

2271 Equip internal floating roof with a mechanical shoe seal (metallic-type shoe seal) consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. [LAC 33:III.2103.C.1.b]

2272 Equip internal floating roof with two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous. [LAC 33:III.2103.C.1.c]

2273 Provide each opening in the internal floating roof (except rim space vents and automatic bleeder vents) with a projection below the liquid surface. In addition, provide each opening (except for leg sleeves, bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains) with a cover equipped with a gasket. Equip automatic bleeder vents and rim space vents with gaskets and equip ladder wells with a sliding cover. [LAC 33:III.2103.C.2]

2274 Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2103.C]

2275 Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric. [LAC 33:III.2103.D.2.a]

2276 Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall. [LAC 33:III.2103.D.2.b]

2277 Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.c]
Which Months: All Year Statistical Basis: None specified

2278 Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.d]
Which Months: All Year Statistical Basis: None specified

2279 Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. [LAC 33:III.2103.D.2.e]
Which Months: All Year Statistical Basis: None specified

2280 Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
Which Months: All Year Statistical Basis: None specified

2281 Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
Which Months: All Year Statistical Basis: None specified

2282 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2. [LAC 33:III.2103.D.2.e]

2283 Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts. [LAC 33:III.2103.D.2.e]

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2284 Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening. [LAC 33:III.2103.D.3]

2285 Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets. [LAC 33:III.2103.D.3]

2286 Control nonslotted guide poles and stilling wells using pole wipers and gasketing between the well and sliding cover. Control slotted guide poles using a float with wiper, pole wiper, and gasketing between the well and sliding cover. [LAC 33:III.2103.D.4.a]

2287 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division prior to installation of guide poles and stilling well systems. Submit a description of the method of control and supporting calculations based upon the Addendum to American Petroleum Institute Publication Number 2517 Evaporative Loss from External Floating Roof Tanks, May 1994, for approval. [LAC 33:III.2103.D.4.a]

2288 Equipment/operational data monitored by visual inspection/determination semiannually. Inspect control systems required by LAC 33:III.2103.D.4 for rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets. [LAC 33:III.2103.D.4.d]
Which Months: All Year Statistical Basis: None specified

2289 Initiate repairs of any rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets by ordering appropriate parts within seven working days after defect is identified, to avoid noncompliance with LAC 33:III.2103.D.4. Complete repairs within three months of the ordering of the repair parts. [LAC 33:III.2103.D.4.d]

2290 Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall. [LAC 33:III.2103.D]

2291 Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b. [LAC 33:III.2103.D]

2292 VOC, Total >= 95 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year. [LAC 33:III.2103.E.1]
Which Months: All Year Statistical Basis: None specified

2293 VOC, Total >= 90 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year. [LAC 33:III.2103.E.2]
Which Months: All Year Statistical Basis: None specified

2294 Equip with a vapor loss control system, consisting of a gathering system capable of collecting volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. All tank gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2103.E]

2295 Maintain working pressures sufficient at all times under normal operating conditions to prevent vapor or gas loss to the atmosphere. [LAC 33:III.2103.F]

2296 Equip with a submerged fill pipe. [LAC 33:III.2103.F]

2297 Equip with a vapor loss control system consisting of a gathering system capable of collecting the volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. [LAC 33:III.2103.F]

2298 Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1. [LAC 33:III.2103.H.1]

2299 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]

2300 VOL storage data recordkeeping by electronic or hard copy continuously. Keep records of the type(s) of VOC stored and the length of time stored. [LAC 33:III.2103.I.6]

2301 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]

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2302 Submit notification: Due to the Office of Environmental Compliance prior to tank filling, if possible, but no later than 24 hours after the tank starts filling. Notify in accordance with LAC 33:I.3923.A. [LAC 33:III.2103.J]

2303 Flash gas: VOC, Total >= 95 % reduction. [LAC 33:III.2104.C.1]
Which Months: All Year Statistical Basis: None specified

2304 Flash gas: VOC, Total >= 95 % reduction. [LAC 33:III.2104.C.2]
Which Months: All Year Statistical Basis: None specified

2305 Flash gas (potential to emit): VOC, Total < 25 tons/yr. [LAC 33:III.2104.C.2]
Which Months: All Year Statistical Basis: None specified

2306 Flash gas: VOC, Total >= 95 % reduction. [LAC 33:III.2104.C.3]
Which Months: All Year Statistical Basis: None specified

2307 Flash gas (potential to emit): VOC, Total < 50 tons/yr. [LAC 33:III.2104.C.3]
Which Months: All Year Statistical Basis: None specified

2308 Flash gas: VOC, Total >= 95 % reduction. [LAC 33:III.2104.C.4]
Which Months: All Year Statistical Basis: None specified

2309 Flash gas (potential to emit): VOC, Total < 100 tons/yr. [LAC 33:III.2104.C.4]
Which Months: All Year Statistical Basis: None specified

2310 Install a vapor recovery system that directs vapors to a fuel gas system, a sales gas system, an underground gas injection system, or a control device. [LAC 33:III.2104.C]

2311 Achieve compliance by the appropriate date specified in LAC 33:III.2104.E. Comply with the requirements of LAC 33:III.2104 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2104 as a result of a revision to LAC 33:III.2104. [LAC 33:III.2104.E]

2312 Flare gas: Heat content > 300 BTU/scf. [LAC 33:III.2104.F.1]
Which Months: All Year Statistical Basis: None specified

2313 Equip with an automatic flare relighting device. [LAC 33:III.2104.F.1]

2314 Presence of a flame monitored by heat sensing device continuously. [LAC 33:III.2104.F.1]
Which Months: All Year Statistical Basis: None specified

2315 Presence of a flame monitored by visual inspection/determination daily. [LAC 33:III.2104.F.1]
Which Months: All Year Statistical Basis: None specified

2316 Determine compliance with LAC 33:III.2104.C using the methods in LAC 33:III.2104.F.2.a-e, as appropriate. [LAC 33:III.2104.F.2]

2317 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2104.G.1 and 5. [LAC 33:III.2104.G]

2318 Vapor recovery system: Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of the information specified in LAC 33:III.2104.G.3. [LAC 33:III.2104.G]

2319 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2104.G.2.a.i-iii and G.4. [LAC 33:III.2104.G]

2320 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2104.G.2.b.i and ii and G.4. [LAC 33:III.2104.G]

2321 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the data required by LAC 33:III.2104.G.1-5 to verify exemption from LAC 33:III.2104. [LAC 33:III.2104.G]

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2322 Equipment/operational data <=_ appropriate units. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

2323 Equipment/operational data monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

2324 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total xxxxxxxxxxxxxxxxxxxxxx each month, as well as the total xxxxxxxxxxxxxxxx for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

2325 Submit report: Due annually, by the 31st of March. Report the xxxxxxxxxxxxxxxxxx for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

2326 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]

2327 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]

2328 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]

2329 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]

2330 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]

2331 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]

2332 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]

2333 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]

2334 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

2335 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]

2336 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]

2337 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]

2338 Equip with a floating roof, a vapor recovery system, or their equivalents. Subpart K. [40 CFR 60.112(a)(1)]

2339 Equip with a vapor recovery system or its equivalent. Subpart K. [40 CFR 60.112(a)(2)]

2340 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.113(d). Subpart K. [40 CFR 60.113]

2341 Fixed roof: Ensure that the cover and all openings are designed to operate with no detectable emissions as indicated by an instrument reading less than 500 ppmv above background, as determined initially and thereafter at least once per year by the methods specified in 40 CFR 61.355(h). Subpart FF. [40 CFR 61.343(a)(1)(i)(A)]

2342 Fixed roof: Maintain each opening in a closed, sealed position at all times that waste is in the tank except when it is necessary to use the opening for waste sampling or removal, or for equipment inspection, maintenance, or repair, except as specified in 40 CFR 61.343(a)(1)(i)(C). Subpart FF. [40 CFR 61.343(a)(1)(i)(B)]

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2343 Install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device. Subpart FF. [40 CFR 61.343(a)(1)]

2344 Install, operate, and maintain an enclosure and closed-vent system that routes all organic vapors vented from the tank, located inside the enclosure, to a control device in accordance with the requirements specified in 40 CFR 61.343(e). Subpart FF. [40 CFR 61.343(a)(2)]

2345 Install, operate, and maintain a fixed-roof as specified in 40 CFR 61.343(a)(1)(i). Subpart FF. [40 CFR 61.343(b)(2)]

2346 Fixed-roof: Equipment/operational data monitored by visual inspection/determination once initially and once every quarter thereafter to ensure that no cracks or gaps occur and that access doors and other openings are closed and gasketed properly. Subpart FF. [40 CFR 61.343(c)]
Which Months: All Year Statistical Basis: None specified

2347 Make first efforts at repair as soon as practicable, but not later than 45 calendar days after a broken seal or gasket or other problem is identified, or when detectable emissions are measured, except as provided in 40 CFR 61.350. Subpart FF. [40 CFR 61.343(d)]

2348 Meet the requirements specified in 40 CFR 63.343(e)(1) through (e)(4). Subpart FF. [40 CFR 61.343(e)]

2349 Determine compliance with 40 CFR 61 Subpart FF using the test methods and procedures specified in 40 CFR 61.355(a) through (i), as applicable. Subpart FF. [40 CFR 61.355]

2350 Equipment/operational data recordkeeping by electronic or hard copy continuously Maintain records as specified in 40 CFR 61.356(a) through (n). Maintain each record in a readily accessible location at the facility site for a period not less than two years from the date the information is recorded unless otherwise specified. Subpart FF. [40 CFR 61.356]

2351 Maintain records as specified in 40 CFR 63.10(b)(3). Subpart HH. [40 CFR 63.760(e)]

2352 Equip with a cover that is connected, through a closed-vent system that meets the conditions specified in 40 CFR 63.771(c), to a control device or a combination of control devices that meets any of the conditions specified in 40 CFR 63.771(d). Subpart HH. [40 CFR 63.766(b)(1)]

2353 Cover: Design and operate in accordance with the requirements of 40 CFR 63.771(b). Subpart HH. [40 CFR 63.766(b)(1)]

2354 Operate with no detectable emissions at all times that material is in the storage vessel, except as specified in 40 CFR 63.766(c). Subpart HH. [40 CFR 63.766(b)(2)]

2355 Cover: Ensure that the cover and all openings on the cover are designed to form a continuous barrier over the entire surface area of the liquid in the storage vessel. Subpart HH. [40 CFR 63.771(b)(1)]

2356 Cover: Secure each cover opening in a closed, sealed position whenever material is in the unit on which the cover is installed except during those times when it is necessary to use an opening, as specified in 40 CFR 63.771(b)(2)(i) through (b)(2)(iv). Subpart HH. [40 CFR 63.771(b)(2)]

2357 Cover: Equipment/operational data monitored by visual inspection/determination once initially following the installation of the cover, for defects that could result in air emissions. Submit inspection results with the Notification of Compliance Status Report as specified in 40 CFR 63.775(d)(12). Subpart HH. [40 CFR 63.773(c)(2)(iii)]
Which Months: All Year Statistical Basis: None specified

2358 Cover: Equipment/operational data monitored by visual inspection/determination annually for defects that could result in air emissions, except as provided in 40 CFR 63.773(c)(5) and (c)(6). Submit annual inspection results in the Periodic Report as specified in 40 CFR 63.775(e)(2)(iii). Subpart HH. [40 CFR 63.773(c)(2)(iii)]
Which Months: All Year Statistical Basis: None specified

2359 Cover: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.773(c)(4). Subpart HH. [40 CFR 63.773(c)(3)]

2360 Cover (unsafe-to-inspect): Determine that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 63.773(c)(2)(i), (ii), or (iii). Subpart HH. [40 CFR 63.773(c)(5)(i)]

2361 Cover (unsafe-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times. Subpart HH. [40 CFR 63.773(c)(5)(ii)]
Which Months: All Year Statistical Basis: None specified

2362 Cover (difficult-to-inspect): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than 2 meters above a support surface. Subpart HH. [40 CFR 63.773(c)(6)(i)]

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2363 Cover (difficult-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Subpart HH. [40 CFR 63.773(c)(6)(ii)]

2364 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in 40 CFR 63.774(b) through (e). Subpart HH. [40 CFR 63.774]

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2365 Equip with a submerged fill pipe. [LAC 33:III.2103.A]

2366 Equip with a vapor loss control system, consisting of a gathering system capable of collecting volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. All tank gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2103.A]

2367 Maintain working pressures sufficient at all times under normal operating conditions to prevent vapor or gas loss to the atmosphere. [LAC 33:III.2103.A]

2368 Maintain working pressures sufficient at all times under normal operating conditions to prevent vapor or gas loss to the atmosphere. [LAC 33:III.2103.B]

2369 Equip with a submerged fill pipe. [LAC 33:III.2103.B]

2370 Equip internal floating roof with a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank. [LAC 33:III.2103.C.1.a]

2371 Equip internal floating roof with a mechanical shoe seal (metallic-type shoe seal) consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. [LAC 33:III.2103.C.1.b]

2372 Equip internal floating roof with two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous. [LAC 33:III.2103.C.1.c]

2373 Provide each opening in the internal floating roof (except rim space vents and automatic bleeder vents) with a projection below the liquid surface. In addition, provide each opening (except for leg sleeves, bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains) with a cover equipped with a gasket. Equip automatic bleeder vents and rim space vents with gaskets and equip ladder wells with a sliding cover. [LAC 33:III.2103.C.2]

2374 Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2103.C]

2375 Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric. [LAC 33:III.2103.D.2.a]

2376 Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall. [LAC 33:III.2103.D.2.b]

2377 Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.c]
Which Months: All Year Statistical Basis: None specified

2378 Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.d]
Which Months: All Year Statistical Basis: None specified

2379 Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. [LAC 33:III.2103.D.2.e]
Which Months: All Year Statistical Basis: None specified

2380 Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
Which Months: All Year Statistical Basis: None specified

2381 Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
Which Months: All Year Statistical Basis: None specified

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2382 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2. [LAC 33:III.2103.D.2.e]

2383 Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts. [LAC 33:III.2103.D.2.e]

2384 Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening. [LAC 33:III.2103.D.3]

2385 Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets. [LAC 33:III.2103.D.3]

2386 Control nonslotted guide poles and stilling wells using pole wipers and gasketing between the well and sliding cover. Control slotted guide poles using a float with wiper, pole wiper, and gasketing between the well and sliding cover. [LAC 33:III.2103.D.4.a]

2387 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division prior to installation of guide poles and stilling well systems. Submit a description of the method of control and supporting calculations based upon the Addendum to American Petroleum Institute Publication Number 2517 Evaporative Loss from External Floating Roof Tanks, May 1994, for approval. [LAC 33:III.2103.D.4.a]

2388 Equipment/operational data monitored by visual inspection/determination semiannually. Inspect control systems required by LAC 33:III.2103.D.4 for rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets. [LAC 33:III.2103.D.4.d]
Which Months: All Year Statistical Basis: None specified

2389 Initiate repairs of any rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets by ordering appropriate parts within seven working days after defect is identified, to avoid noncompliance with LAC 33:III.2103.D.4. Complete repairs within three months of the ordering of the repair parts. [LAC 33:III.2103.D.4.d]

2390 Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall. [LAC 33:III.2103.D]

2391 Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b. [LAC 33:III.2103.D]

2392 VOC, Total >= 95 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year. [LAC 33:III.2103.E.1]
Which Months: All Year Statistical Basis: None specified

2393 VOC, Total >= 90 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year. [LAC 33:III.2103.E.2]
Which Months: All Year Statistical Basis: None specified

2394 Equip with a vapor loss control system, consisting of a gathering system capable of collecting volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. All tank gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2103.E]

2395 Maintain working pressures sufficient at all times under normal operating conditions to prevent vapor or gas loss to the atmosphere. [LAC 33:III.2103.F]

2396 Equip with a submerged fill pipe. [LAC 33:III.2103.F]

2397 Equip with a vapor loss control system consisting of a gathering system capable of collecting the volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. [LAC 33:III.2103.F]

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2398 Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1. [LAC 33:III.2103.H.1]

2399 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]

2400 VOL storage data recordkeeping by electronic or hard copy continuously. Keep records of the type(s) of VOC stored and the length of time stored. [LAC 33:III.2103.I.6]

2401 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]

2402 Submit notification: Due to the Office of Environmental Compliance prior to tank filling, if possible, but no later than 24 hours after the tank starts filling. Notify in accordance with LAC 33:I.3923.A. [LAC 33:III.2103.J]

2403 Flash gas: VOC, Total >= 95 % reduction. [LAC 33:III.2104.C.1]
Which Months: All Year Statistical Basis: None specified

2404 Flash gas: VOC, Total >= 95 % reduction. [LAC 33:III.2104.C.2]
Which Months: All Year Statistical Basis: None specified

2405 Flash gas (potential to emit): VOC, Total < 25 tons/yr. [LAC 33:III.2104.C.2]
Which Months: All Year Statistical Basis: None specified

2406 Flash gas: VOC, Total >= 95 % reduction. [LAC 33:III.2104.C.3]
Which Months: All Year Statistical Basis: None specified

2407 Flash gas (potential to emit): VOC, Total < 50 tons/yr. [LAC 33:III.2104.C.3]
Which Months: All Year Statistical Basis: None specified

2408 Flash gas: VOC, Total >= 95 % reduction. [LAC 33:III.2104.C.4]
Which Months: All Year Statistical Basis: None specified

2409 Flash gas (potential to emit): VOC, Total < 100 tons/yr. [LAC 33:III.2104.C.4]
Which Months: All Year Statistical Basis: None specified

2410 Install a vapor recovery system that directs vapors to a fuel gas system, a sales gas system, an underground gas injection system, or a control device. [LAC 33:III.2104.C]

2411 Achieve compliance by the appropriate date specified in LAC 33:III.2104.E. Comply with the requirements of LAC 33:III.2104 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2104 as a result of a revision to LAC 33:III.2104. [LAC 33:III.2104.E]

2412 Flare gas: Heat content > 300 BTU/scf. [LAC 33:III.2104.F.1]
Which Months: All Year Statistical Basis: None specified

2413 Equip with an automatic flare relighting device. [LAC 33:III.2104.F.1]

2414 Presence of a flame monitored by heat sensing device continuously. [LAC 33:III.2104.F.1]
Which Months: All Year Statistical Basis: None specified

2415 Presence of a flame monitored by visual inspection/determination daily. [LAC 33:III.2104.F.1]
Which Months: All Year Statistical Basis: None specified

2416 Determine compliance with LAC 33:III.2104.C using the methods in LAC 33:III.2104.F.2.a-e, as appropriate. [LAC 33:III.2104.F.2]

2417 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2104.G.1 and 5. [LAC 33:III.2104.G]

2418 Vapor recovery system: Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of the information specified in LAC 33:III.2104.G.3. [LAC 33:III.2104.G]

2419 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2104.G.2.a.i-iii and G.4. [LAC 33:III.2104.G]

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2420 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2104.G.2.b.i and ii and G.4. [LAC 33:III.2104.G]

2421 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the data required by LAC 33:III.2104.G.1-5 to verify exemption from LAC 33:III.2104. [LAC 33:III.2104.G]

2422 Equipment/operational data <=_ appropriate units. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

2423 Equipment/operational data monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

2424 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total xxxxxxxxxxxxxxxxxxxxx each month, as well as the total xxxxxxxxxxxxxxxx for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

2425 Submit report: Due annually, by the 31st of March. Report the xxxxxxxxxxxxxxxxxx for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

2426 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]

2427 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]

2428 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]

2429 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]

2430 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]

2431 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]

2432 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]

2433 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]

2434 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

2435 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]

2436 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]

2437 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]

2438 The primary seal is to be either a metallic shoe seal, a liquid-mounted seal, or a vapor-mounted seal. Subpart Ka. [40 CFR 60.112a(a)(1)(i)]

2439 Seal gap area <= 10.0 in^2/ft (212 sq cm/meter) of tank diameter for the accumulated area of gaps between the tank wall and the mechanical shoe seal or liquid-mounted primary seal. Subpart Ka. [40 CFR 60.112a(a)(1)(i)(A)]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 122793 - Title V General Permit
Activity Number: PER20040001
Permit Number: General Permit
Air - Title V General Permit Initial

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2440 Seal gap width <= 1.5 in (3.81 cm) for the width of any portion of any gap between the tank wall and the mechanical shoe seal or liquid-mounted primary seal. Subpart Ka. [40 CFR 60.112a(a)(1)(i)(A)]
Which Months: All Year Statistical Basis: None specified

2441 Seal gap area <= 1.0 in^2/ft (21.2 sq cm/meter) of tank diameter for the accumulated area of gaps between the tank wall and the vapor-mounted primary seal. Subpart Ka. [40 CFR 60.112a(a)(1)(i)(B)]
Which Months: All Year Statistical Basis: None specified

2442 Seal gap width <= 0.5 in (1.27 cm) for the width of any portion of any gap between the tank wall and the vapor-mounted primary seal. Subpart Ka. [40 CFR 60.112a(a)(1)(i)(B)]
Which Months: All Year Statistical Basis: None specified

2443 One end of the primary seal metallic shoe is to extend into the stored liquid, and the other end is to extend a minimum vertical distance of 24 inches (61 centimeters) above the stored liquid surface. Subpart Ka. [40 CFR 60.112a(a)(1)(i)(C)]

2444 There are to be no holes, tears, or other openings in the shoe, primary seal fabric, or seal envelope. Subpart Ka. [40 CFR 60.112a(a)(1)(i)(D)]

2445 Install the secondary seal above the primary seal so that it completely covers the space between the roof edge and the tank wall except as provided in 40 CFR 60.112a(a)(1)(ii)(B). Subpart Ka. [40 CFR 60.112a(a)(1)(ii)(A)]

2446 Seal gap area <= 1.0 in^2/ft (21.2 sq cm/meter) of tank diameter for the accumulated area of gaps between the tank wall and the secondary seal used in combination with a metallic shoe or liquid-mounted primary seal. Subpart Ka. [40 CFR 60.112a(a)(1)(ii)(B)]
Which Months: All Year Statistical Basis: None specified

2447 Seal gap width <= 0.5 in (1.27 cm) for the width of any portion of any gap between the tank wall and the secondary seal used in combination with a metallic shoe or liquid-mounted primary seal. Subpart Ka. [40 CFR 60.112a(a)(1)(ii)(B)]
Which Months: All Year Statistical Basis: None specified

2448 There shall be no gaps between the tank wall and the secondary seal used in combination with a vapor-mounted primary seal. Subpart Ka. [40 CFR 60.112a(a)(1)(ii)(B)]

2449 There are to be no holes, tears or other openings in the secondary seal or seal fabric. Subpart Ka. [40 CFR 60.112a(a)(1)(ii)(C)]

2450 Each opening in the roof except for automatic bleeder vents and rim space vents is to provide a projection below the liquid surface. Equip each opening in the roof except for automatic bleeder vents, rim space vents and leg sleeves with a cover, seal or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use or as described in 40 CFR 60.112a(a)(1)(iv). Close automatic bleeder vents at all times when the roof is floating, except when the roof is being floated off or is being landed on the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Subpart Ka. [40 CFR 60.112a(a)(1)(iii)]

2451 Provide each emergency roof drain with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. Subpart Ka. [40 CFR 60.112a(a)(1)(iv)]

2452 Equip with an external floating roof consisting of a pontoon-type or double-deck-type cover that rests on the surface of the liquid contents and is equipped with a closure device between the tank wall and the roof edge. Except as provided in 40 CFR 60.112a(a)(1)(ii)(D), the closure device is to consist of two seals, one (secondary) above the other (primary). The roof is to be floating on the liquid at all times (i.e., off the roof leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled. The process of emptying and refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Subpart Ka. [40 CFR 60.112a(a)(1)]

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2453 Equip with a fixed roof and an internal floating type cover having a continuous closure device between the tank wall and the cover edge. The cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled. The process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Each opening in the cover except for automatic bleeder vents and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the cover except for automatic bleeder vents, rim space vents, stub drains and leg sleeves with a cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports. Set rim vents to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting. Subpart Ka. [40 CFR 60.112a(a)(2)]

2454 Equip with a vapor recovery system which collects all VOC vapors and gases discharged from the storage vessel and a vapor return or disposal system to process such VOC vapors and gases. Subpart Ka. [40 CFR 60.112a(a)(3)]

2455 VOC, Total >= 95 % reduction by weight for VOC vapors and gases processed by the vapor recovery system and vapor return or disposal system. Subpart Ka. [40 CFR 60.112a(a)(3)]
Which Months: All Year Statistical Basis: None specified

2456 Equip with a vapor recovery system which collects all VOC vapors and gases discharged from the storage vessel and a vapor return or disposal system. Subpart Ka. [40 CFR 60.112a(b)]

2457 VOC, Total >= 95 % reduction by weight for VOC vapors and gases processed by the vapor recovery system. Subpart Ka. [40 CFR 60.112a(b)]
Which Months: All Year Statistical Basis: None specified

2458 Seal gap area & width monitored by measurement at the regulation's specified frequency. Determine the gap areas and maximum gap widths between the primary seal and the tank wall within 60 days of the initial fill with petroleum liquid and at least once every 5 years thereafter using the procedures in 40 CFR 60.113a(a)(1)(ii). Accomplish all primary seal inspections or gap measurements which require the removal or dislodging of the secondary seal as rapidly as possible and replace the secondary seal as soon as possible. Subpart Ka. [40 CFR 60.113a(a)(1)(i)(A)]
Which Months: All Year Statistical Basis: None specified

2459 Seal gap area & width monitored by measurement at the regulation's specified frequency. Determine the gap areas and maximum gap widths between the secondary seal and the tank wall within 60 days of the initial fill with petroleum liquid and at least once every year thereafter using the procedures in 40 CFR 60.113a(a)(1)(ii). Subpart Ka. [40 CFR 60.113a(a)(1)(i)(B)]
Which Months: All Year Statistical Basis: None specified

2460 Gap measurement(s) recordkeeping by electronic or hard copy upon each occurrence of gap measurement performance. Each record shall identify the vessel on which the measurement was performed and shall contain the date of the seal gap measurement, the raw data obtained in the measurement process required by 40 CFR 60.113a(a)(1)(ii) and the calculation required by 40 CFR 60.113a(a)(1)(iii). Keep records of each gap measurement at the plant for a period of at least 2 years following the date of measurement. Subpart Ka. [40 CFR 60.113a(a)(1)(i)(D)]

2461 Submit report: Due to DEQ within 60 days of the date of seal gap measurements, if either the seal gap calculated in accord with 40 CFR 60.113a(a)(1)(iii) or the measured maximum seal gap exceeds the limitations specified by 40 CFR 60.112a. The report shall identify the vessel and list each reason why the vessel did not meet the specifications of 40 CFR 60.112a. The report shall also describe the actions necessary to bring the storage vessel into compliance with the specifications of 40 CFR 60.112a. Subpart Ka. [40 CFR 60.113a(a)(1)(i)(E)]

2462 Submit notification: Due to DEQ at least 30 days prior to the gap measurement to afford DEQ to have an observer present. Subpart Ka. [40 CFR 60.113a(a)(1)(iv)]

2463 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka. [40 CFR 60.115a]

2464 Fixed roof: Ensure that the cover and all openings are designed to operate with no detectable emissions as indicated by an instrument reading less than 500 ppmv above background, as determined initially and thereafter at least once per year by the methods specified in 40 CFR 61.355(h). Subpart FF. [40 CFR 61.343(a)(1)(i)(A)]

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2465 Fixed roof: Maintain each opening in a closed, sealed position at all times that waste is in the tank except when it is necessary to use the opening for waste sampling or removal, or for equipment inspection, maintenance, or repair, except as specified in 40 CFR 61.343(a)(1)(i)(C). Subpart FF. [40 CFR 61.343(a)(1)(i)(B)]

2466 Install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device. Subpart FF. [40 CFR 61.343(a)(1)]

2467 Install, operate, and maintain an enclosure and closed-vent system that routes all organic vapors vented from the tank, located inside the enclosure, to a control device in accordance with the requirements specified in 40 CFR 61.343(e). Subpart FF. [40 CFR 61.343(a)(2)]

2468 Install, operate, and maintain a fixed-roof as specified in 40 CFR 61.343(a)(1)(i). Subpart FF. [40 CFR 61.343(b)(2)]

2469 Fixed-roof: Equipment/operational data monitored by visual inspection/determination once initially and once every quarter thereafter to ensure that no cracks or gaps occur and that access doors and other openings are closed and gasketed properly. Subpart FF. [40 CFR 61.343(c)]
Which Months: All Year Statistical Basis: None specified

2470 Make first efforts at repair as soon as practicable, but not later than 45 calendar days after a broken seal or gasket or other problem is identified, or when detectable emissions are measured, except as provided in 40 CFR 61.350. Subpart FF. [40 CFR 61.343(d)]

2471 Meet the requirements specified in 40 CFR 63.343(e)(1) through (e)(4). Subpart FF. [40 CFR 61.343(e)]

2472 Determine compliance with 40 CFR 61 Subpart FF using the test methods and procedures specified in 40 CFR 61.355(a) through (i), as applicable. Subpart FF. [40 CFR 61.355]

2473 Equipment/operational data recordkeeping by electronic or hard copy continuously Maintain records as specified in 40 CFR 61.356(a) through (n). Maintain each record in a readily accessible location at the facility site for a period not less than two years from the date the information is recorded unless otherwise specified. Subpart FF. [40 CFR 61.356]

2474 Maintain records as specified in 40 CFR 63.10(b)(3). Subpart HH. [40 CFR 63.760(e)]

2475 Equip with a cover that is connected, through a closed-vent system that meets the conditions specified in 40 CFR 63.771(c), to a control device or a combination of control devices that meets any of the conditions specified in 40 CFR 63.771(d). Subpart HH. [40 CFR 63.766(b)(1)]

2476 Cover: Design and operate in accordance with the requirements of 40 CFR 63.771(b). Subpart HH. [40 CFR 63.766(b)(1)]

2477 Operate with no detectable emissions at all times that material is in the storage vessel, except as specified in 40 CFR 63.766(c). Subpart HH. [40 CFR 63.766(b)(2)]

2478 Cover: Ensure that the cover and all openings on the cover are designed to form a continuous barrier over the entire surface area of the liquid in the storage vessel. Subpart HH. [40 CFR 63.771(b)(1)]

2479 Cover: Secure each cover opening in a closed, sealed position whenever material is in the unit on which the cover is installed except during those times when it is necessary to use an opening, as specified in 40 CFR 63.771(b)(2)(i) through (b)(2)(iv). Subpart HH. [40 CFR 63.771(b)(2)]

2480 Cover: Equipment/operational data monitored by visual inspection/determination once initially following the installation of the cover, for defects that could result in air emissions. Submit inspection results with the Notification of Compliance Status Report as specified in 40 CFR 63.775(d)(12). Subpart HH. [40 CFR 63.773(c)(2)(iii)]
Which Months: All Year Statistical Basis: None specified

2481 Cover: Equipment/operational data monitored by visual inspection/determination annually for defects that could result in air emissions, except as provided in 40 CFR 63.773(c)(5) and (c)(6). Submit annual inspection results in the Periodic Report as specified in 40 CFR 63.775(e)(2)(iii). Subpart HH. [40 CFR 63.773(c)(2)(iii)]
Which Months: All Year Statistical Basis: None specified

2482 Cover: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.773(c)(4). Subpart HH. [40 CFR 63.773(c)(3)]

2483 Cover (unsafe-to-inspect): Determine that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 63.773(c)(2)(i), (ii), or (iii). Subpart HH. [40 CFR 63.773(c)(5)(i)]

2484 Cover (unsafe-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times. Subpart HH. [40 CFR 63.773(c)(5)(ii)]
Which Months: All Year Statistical Basis: None specified

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2485 Cover (difficult-to-inspect): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than 2 meters above a support surface. Subpart HH. [40 CFR 63.773(c)(6)(i)]

2486 Cover (difficult-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Subpart HH. [40 CFR 63.773(c)(6)(ii)]

2487 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in 40 CFR 63.774(b) through (e). Subpart HH. [40 CFR 63.774]

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2488 Equip with a submerged fill pipe. [LAC 33:III.2103.A]

2489 Equip with a vapor loss control system, consisting of a gathering system capable of collecting volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. All tank gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2103.A]

2490 Maintain working pressures sufficient at all times under normal operating conditions to prevent vapor or gas loss to the atmosphere. [LAC 33:III.2103.A]

2491 Maintain working pressures sufficient at all times under normal operating conditions to prevent vapor or gas loss to the atmosphere. [LAC 33:III.2103.B]

2492 Equip with a submerged fill pipe. [LAC 33:III.2103.B]

2493 Equip internal floating roof with a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank. [LAC 33:III.2103.C.1.a]

2494 Equip internal floating roof with a mechanical shoe seal (metallic-type shoe seal) consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. [LAC 33:III.2103.C.1.b]

2495 Equip internal floating roof with two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous. [LAC 33:III.2103.C.1.c]

2496 Provide each opening in the internal floating roof (except rim space vents and automatic bleeder vents) with a projection below the liquid surface. In addition, provide each opening (except for leg sleeves, bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains) with a cover equipped with a gasket. Equip automatic bleeder vents and rim space vents with gaskets and equip ladder wells with a sliding cover. [LAC 33:III.2103.C.2]

2497 Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2103.C]

2498 Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric. [LAC 33:III.2103.D.2.a]

2499 Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall. [LAC 33:III.2103.D.2.b]

2500 Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.c]
Which Months: All Year Statistical Basis: None specified

2501 Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.d]
Which Months: All Year Statistical Basis: None specified

2502 Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. [LAC 33:III.2103.D.2.e]
Which Months: All Year Statistical Basis: None specified

2503 Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
Which Months: All Year Statistical Basis: None specified

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2504 Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
Which Months: All Year Statistical Basis: None specified

2505 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2. [LAC 33:III.2103.D.2.e]

2506 Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts. [LAC 33:III.2103.D.2.e]

2507 Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening. [LAC 33:III.2103.D.3]

2508 Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets. [LAC 33:III.2103.D.3]

2509 Control nonslotted guide poles and stilling wells using pole wipers and gasketing between the well and sliding cover. Control slotted guide poles using a float with wiper, pole wiper, and gasketing between the well and sliding cover. [LAC 33:III.2103.D.4.a]

2510 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division prior to installation of guide poles and stilling well systems. Submit a description of the method of control and supporting calculations based upon the Addendum to American Petroleum Institute Publication Number 2517 Evaporative Loss from External Floating Roof Tanks, May 1994, for approval. [LAC 33:III.2103.D.4.a]

2511 Equipment/operational data monitored by visual inspection/determination semiannually. Inspect control systems required by LAC 33:III.2103.D.4 for rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets. [LAC 33:III.2103.D.4.d]
Which Months: All Year Statistical Basis: None specified

2512 Initiate repairs of any rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets by ordering appropriate parts within seven working days after defect is identified, to avoid noncompliance with LAC 33:III.2103.D.4. Complete repairs within three months of the ordering of the repair parts. [LAC 33:III.2103.D.4.d]

2513 Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall. [LAC 33:III.2103.D]

2514 Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b. [LAC 33:III.2103.D]

2515 VOC, Total >= 95 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year. [LAC 33:III.2103.E.1]
Which Months: All Year Statistical Basis: None specified

2516 VOC, Total >= 90 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year. [LAC 33:III.2103.E.2]
Which Months: All Year Statistical Basis: None specified

2517 Equip with a vapor loss control system, consisting of a gathering system capable of collecting volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. All tank gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2103.E]

2518 Maintain working pressures sufficient at all times under normal operating conditions to prevent vapor or gas loss to the atmosphere. [LAC 33:III.2103.F]

2519 Equip with a submerged fill pipe. [LAC 33:III.2103.F]

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2520 Equip with a vapor loss control system consisting of a gathering system capable of collecting the volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. [LAC 33:III.2103.F]

2521 Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1. [LAC 33:III.2103.H.1]

2522 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]

2523 VOL storage data recordkeeping by electronic or hard copy continuously. Keep records of the type(s) of VOC stored and the length of time stored. [LAC 33:III.2103.I.6]

2524 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]

2525 Submit notification: Due to the Office of Environmental Compliance prior to tank filling, if possible, but no later than 24 hours after the tank starts filling. Notify in accordance with LAC 33:I.3923.A. [LAC 33:III.2103.J]

2526 Flash gas: VOC, Total >= 95 % reduction. [LAC 33:III.2104.C.1]
Which Months: All Year Statistical Basis: None specified

2527 Flash gas: VOC, Total >= 95 % reduction. [LAC 33:III.2104.C.2]
Which Months: All Year Statistical Basis: None specified

2528 Flash gas (potential to emit): VOC, Total < 25 tons/yr. [LAC 33:III.2104.C.2]
Which Months: All Year Statistical Basis: None specified

2529 Flash gas: VOC, Total >= 95 % reduction. [LAC 33:III.2104.C.3]
Which Months: All Year Statistical Basis: None specified

2530 Flash gas (potential to emit): VOC, Total < 50 tons/yr. [LAC 33:III.2104.C.3]
Which Months: All Year Statistical Basis: None specified

2531 Flash gas: VOC, Total >= 95 % reduction. [LAC 33:III.2104.C.4]
Which Months: All Year Statistical Basis: None specified

2532 Flash gas (potential to emit): VOC, Total < 100 tons/yr. [LAC 33:III.2104.C.4]
Which Months: All Year Statistical Basis: None specified

2533 Install a vapor recovery system that directs vapors to a fuel gas system, a sales gas system, an underground gas injection system, or a control device. [LAC 33:III.2104.C]

2534 Achieve compliance by the appropriate date specified in LAC 33:III.2104.E. Comply with the requirements of LAC 33:III.2104 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2104 as a result of a revision to LAC 33:III.2104. [LAC 33:III.2104.E]

2535 Flare gas: Heat content > 300 BTU/scf. [LAC 33:III.2104.F.1]
Which Months: All Year Statistical Basis: None specified

2536 Equip with an automatic flare relighting device. [LAC 33:III.2104.F.1]

2537 Presence of a flame monitored by heat sensing device continuously. [LAC 33:III.2104.F.1]
Which Months: All Year Statistical Basis: None specified

2538 Presence of a flame monitored by visual inspection/determination daily. [LAC 33:III.2104.F.1]
Which Months: All Year Statistical Basis: None specified

2539 Determine compliance with LAC 33:III.2104.C using the methods in LAC 33:III.2104.F.2.a-e, as appropriate. [LAC 33:III.2104.F.2]

2540 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2104.G.1 and 5. [LAC 33:III.2104.G]

2541 Vapor recovery system: Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of the information specified in LAC 33:III.2104.G.3. [LAC 33:III.2104.G]

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2542 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2104.G.2.a.i-iii and G.4. [LAC 33:III.2104.G]

2543 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2104.G.2.b.i and ii and G.4. [LAC 33:III.2104.G]

2544 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the data required by LAC 33:III.2104.G.1-5 to verify exemption from LAC 33:III.2104. [LAC 33:III.2104.G]

2545 Equipment/operational data <=_ appropriate units. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

2546 Equipment/operational data monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

2547 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total xxxxxxxxxxxxxxxxxxxxxx each month, as well as the total xxxxxxxxxxxxxxxx for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

2548 Submit report: Due annually, by the 31st of March. Report the xxxxxxxxxxxxxxxxxx for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

2549 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]

2550 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]

2551 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]

2552 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]

2553 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]

2554 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]

2555 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]

2556 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]

2557 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

2558 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]

2559 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]

2560 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]

EQT032 Storage Vessel - Subject to 40CFR60 Subpart Kb

2561 Equip with a fixed roof in combination with an internal floating roof. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(1)(i)]

2562 Equip internal floating roof with a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(A)]

2563 Equip internal floating roof with two seals mounted secondary above the primary so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The primary seal may be vapor-mounted, but both must be continuous. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(B)]

2564 Equip internal floating roof with a mechanical shoe seal consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(C)]

2565 Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains with a cover or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Equip the cover or lid with a gasket. Bolt covers on each access hatch and automatic gauge float well except when they are in use. Equip automatic bleeder vents with a gasket and close at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Equip rim space vents with a gasket and set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. Subpart Kb. [40 CFR 60.112b(a)(1)]

2566 Except for automatic bleeder vents and rim space vents, each opening in a noncontact external floating roof shall provide a projection below the liquid surface. Except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves, equip each opening in the roof with a gasketed cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Set rim vents to open when the roof is being floated off the roof legs supports or at the manufacturer's recommended setting. Equip automatic bleeder vents and rim space vents with gaskets. Provide each emergency roof drain with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. Subpart Kb. [40 CFR 60.112b(a)(2)(ii)]

2567 Equip with an external floating roof consisting of a pontoon-type or double-deck type cover that rests on the liquid surface in a vessel with no fixed roof. Equip with a closure device between the wall of the storage vessel and the roof edge. The closure device consists of two seals, secondary above the primary. The primary seal shall be either a mechanical shoe seal or a liquid-mounted seal. Except as provided in 40 CFR 60.113b(b)(4), the primary seal shall completely cover the annular space between the edge of the floating roof and tank wall. The secondary seal shall completely cover the annular space between the external floating roof and the wall of the storage vessel in a continuous fashion except as allowed in 40 CFR 60.113b(b)(4). The roof shall be floating on the liquid at all times (i.e., off the roof leg supports) except during initial fill until the roof is lifted off leg supports and when the tank is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(2)]

2568 VOC, Total >= 95 % reduction efficiency using a closed vent system and control device. Subpart Kb. [40 CFR 60.112b(a)(3)(ii)]
Which Months: All Year Statistical Basis: None specified

2569 Equip with a closed vent system and control device. Design the closed vent system to collect all VOC vapors and gases discharged from the storage vessel and operate with no detectable emissions. Subpart Kb. [40 CFR 60.112b(a)(3)]

2570 Equip with a closed vent system and control device as specified in 40 CFR 60.112b(a)(3). Subpart Kb. [40 CFR 60.112b(b)(1)]

SPECIFIC REQUIREMENTS

AI ID: 122793 - Title V General Permit
Activity Number: PER20040001
Permit Number: General Permit
Air - Title V General Permit Initial

EQT032 Storage Vessel - Subject to 40CFR60 Subpart Kb

2571 Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, repair the items before filling the storage vessel. Subpart Kb. [40 CFR 60.113b(a)(1)]
Which Months: All Year Statistical Basis: None specified

2572 Tank roof and seals monitored by visual inspection/determination annually. Inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(2)]
Which Months: All Year Statistical Basis: None specified

2573 If the internal floating roof is not resting on the surface of the VOL inside the storage vessel, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, repair the items or empty and remove the storage vessel from service within 45 days. If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, request a 30-day extension from DEQ in the inspection report required in 40 CFR 60.115b(a)(3). Document in the request for extension that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible. Subpart Kb. [40 CFR 60.113b(a)(2)]

2574 Tank roof and seals monitored by visual inspection/determination once every five years as specified in 40 CFR 60.113b(a)(4). Subpart Kb. [40 CFR 60.113b(a)(3)(i)]
Which Months: All Year Statistical Basis: None specified

2575 Tank roof and seals monitored by visual inspection/determination annually as specified in 40 CFR 60.113b(a)(2). Subpart Kb. [40 CFR 60.113b(a)(3)(ii)]
Which Months: All Year Statistical Basis: None specified

2576 Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(4)]
Which Months: All Year Statistical Basis: None specified

2577 If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113b(a)(2) and (a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113b(a)(3)(i) of this section. Subpart Kb. [40 CFR 60.113b(a)(4)]

2578 Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(a)(1) and (a)(4) to afford DEQ an opportunity to have an observer present. If the inspection required by paragraph 40 CFR 60.113b(a)(4) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(a)(5)]

2579 Seal gap area & width monitored by measurement at the regulation's specified frequency. Using the procedures in 40 CFR 60.113b(b)(2) determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel during the hydrostatic testing of the vessel or within 60 days of the initial fill with VOL and at least once every 5 years thereafter. Subpart Kb. [40 CFR 60.113b(b)(1)(i)]
Which Months: All Year Statistical Basis: None specified

2580 Seal gap area & width monitored by measurement at the regulation's specified frequency. Using the procedures in 40 CFR 60.113b(b)(2) determine the gap areas and maximum gap widths between the secondary seal and the wall of the storage vessel within 60 days of the initial fill with VOL and at least once per year thereafter. Subpart Kb. [40 CFR 60.113b(b)(1)(ii)]
Which Months: All Year Statistical Basis: None specified

EQT032 Storage Vessel - Subject to 40CFR60 Subpart Kb

2581 Add the gap surface area of each gap location for the primary seal and the secondary seal individually and divide the sum for each seal by the nominal diameter of the tank and compare each ratio to the respective standards in 40 CFR 60.113b(b)(4). Subpart Kb. [40 CFR 60.113b(b)(3)]

2582 Seal gap area <= 212 cm^2/m of tank diameter (accumulated area) for gaps between the tank wall and the mechanical shoe or liquid-mounted primary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(i)]
Which Months: All Year Statistical Basis: None specified

2583 Seal gap width <= 3.81 cm for the width of any portion of any gap between the tank wall and the mechanical shoe or liquid-mounted primary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(i)]
Which Months: All Year Statistical Basis: None specified

2584 One end of the mechanical shoe is to extend into the stored liquid, and the other end is to extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart Kb. [40 CFR 60.113b(b)(4)(i)(A)]

2585 There are to be no holes, tears, or other openings in the shoe, primary seal fabric, or seal envelope. Subpart Kb. [40 CFR 60.113b(b)(4)(i)(B)]

2586 Install the secondary seal above the primary seal so that it completely covers the space between the roof edge and the tank wall except as provided in 60.113b(b)(2)(iii). Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(A)]

2587 Seal gap area <= 21.2 cm^2/m of tank diameter (accumulated area) for gaps between the tank wall and the secondary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(B)]
Which Months: All Year Statistical Basis: None specified

2588 Seal gap width <= 1.27 cm for the width of any portion of any gap between the tank wall and the secondary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(B)]
Which Months: All Year Statistical Basis: None specified

2589 There are to be no holes, tears, or other openings in the secondary seal or seal fabric. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(C)]

2590 Make necessary repairs or empty the storage vessel within 45 days of identification in any inspection for seals not meeting the requirements listed in 40 CFR 60.113b(b)(4) (i) and (ii) except as specified in 40 CFR 60.113b(b)(4)(iii). Subpart Kb. [40 CFR 60.113b(b)(4)]

2591 Submit notification: Due at least 30 days in advance of any gap measurements required by 40 CFR 60.113b(b)(1) to afford DEQ the opportunity to have an observer present. Subpart Kb. [40 CFR 60.113b(b)(5)]

2592 If the external floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, repair the items as necessary so that none of the conditions specified in this paragraph exist before filling or refilling the storage vessel with VOL. Subpart Kb. [40 CFR 60.113b(b)(6)(i)]

2593 Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(6) to afford DEQ an opportunity to inspect the storage vessel prior to refilling. If the inspection required by paragraph 40 CFR 60.113b(b)(6) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(b)(6)(ii)]

2594 Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the external floating roof, the primary seal, the secondary seal, and fittings each time the storage vessel is emptied and degassed. Subpart Kb. [40 CFR 60.113b(b)(6)]
Which Months: All Year Statistical Basis: None specified

2595 Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 60.113b(a)(1). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(1)]

2596 Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection, per 40 CFR 60.113b(a)(1) through (4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(a)(2)]

SPECIFIC REQUIREMENTS

AI ID: 122793 - Title V General Permit
Activity Number: PER20040001
Permit Number: General Permit
Air - Title V General Permit Initial

EQT032 Storage Vessel - Subject to 40CFR60 Subpart Kb

2597 Submit a report: Due to DEQ within 30 days of the annual visual inspection required by 40 CFR 60.113b(a)(2) that detects any of the conditions described in 40 CFR 60.113b(a)(2). Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(3)]

2598 Submit a report: Due to DEQ within 30 days of each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii). The report shall identify the storage vessel and the reason it did not meet the specifications of 40 CFR 61.112b(a)(1) or 40 CFR. 60.113b(a)(3) and list each repair made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(4)]

2599 Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(2) and 60.113b(b)(2), (b)(3), and (b)(4). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(1)]

2600 Submit a report: Due to DEQ within 60 days of performing the seal gap measurements required by 40 CFR 60.113b(b)(1). The report shall contain: 1) the date of measurement, 2) the raw data obtained in the measurement, 3) the calculations described in 40 CFR 60.113b(b)(2) and (b)(3). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(2)]

2601 Gap measurement(s) recordkeeping by electronic or hard copy upon each occurrence of gap measurement performance, as required by 40 CFR 60.113b(b). Each record shall identify the storage vessel in which the measurement was performed and shall contain: 1) the date of measurement, 2) the raw data obtained in the measurement, 3) the calculations described in 40 CFR 60.113b(b)(2) and (b)(3). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(b)(3)]

2602 Submit a report: Due to DEQ within 30 days after each seal gap measurement that detects gaps exceeding the limitations specified by 40 CFR 60.113b(b)(4). The report will identify the vessel and contain the information specified in 40 CFR 60.115b(b)(2) and the date the vessel was emptied or the repairs made and date of repair. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(4)]

2603 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

2604 VOL storage data recordkeeping by electronic or hard copy continuously. Records consist of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.116b(c)]

2605 Submit notification: Due within 30 days when the maximum true vapor pressure of the liquid exceeds the respective maximum true vapor pressure values for each volume range. Subpart Kb. [40 CFR 60.116b(d)]

2606 Determine the highest maximum true vapor pressure for the range of anticipated stored liquid compositions prior to the initial filling of the vessel using the methods described in 40 CFR 60.116b(e). Subpart Kb. [40 CFR 60.116b(f)(1)]

2607 Vapor pressure monitored by physical testing once initially and once every six months using the methods specified in 40 CFR 60.116b(f)(2)(i) through (iii). Subpart Kb. [40 CFR 60.116b(f)(2)]
Which Months: All Year Statistical Basis: None specified

2608 Fixed roof: Ensure that the cover and all openings are designed to operate with no detectable emissions as indicated by an instrument reading less than 500 ppmv above background, as determined initially and thereafter at least once per year by the methods specified in 40 CFR 61.355(h). Subpart FF. [40 CFR 61.343(a)(1)(i)(A)]

2609 Fixed roof: Maintain each opening in a closed, sealed position at all times that waste is in the tank except when it is necessary to use the opening for waste sampling or removal, or for equipment inspection, maintenance, or repair, except as specified in 40 CFR 61.343(a)(1)(i)(C). Subpart FF. [40 CFR 61.343(a)(1)(i)(B)]

2610 Install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device. Subpart FF. [40 CFR 61.343(a)(1)]

2611 Install, operate, and maintain an enclosure and closed-vent system that routes all organic vapors vented from the tank, located inside the enclosure, to a control device in accordance with the requirements specified in 40 CFR 61.343(e). Subpart FF. [40 CFR 61.343(a)(2)]

2612 Install, operate, and maintain a fixed-roof as specified in 40 CFR 61.343(a)(1)(i). Subpart FF. [40 CFR 61.343(b)(2)]

EQT032 Storage Vessel - Subject to 40CFR60 Subpart Kb

2613 Fixed-roof: Equipment/operational data monitored by visual inspection/determination once initially and once every quarter thereafter to ensure that no cracks or gaps occur and that access doors and other openings are closed and gasketed properly. Subpart FF. [40 CFR 61.343(c)]
Which Months: All Year Statistical Basis: None specified

2614 Make first efforts at repair as soon as practicable, but not later than 45 calendar days after a broken seal or gasket or other problem is identified, or when detectable emissions are measured, except as provided in 40 CFR 61.350. Subpart FF. [40 CFR 61.343(d)]

2615 Meet the requirements specified in 40 CFR 63.343(e)(1) through (e)(4). Subpart FF. [40 CFR 61.343(e)]

2616 Determine compliance with 40 CFR 61 Subpart FF using the test methods and procedures specified in 40 CFR 61.355(a) through (i), as applicable. Subpart FF. [40 CFR 61.355]

2617 Equipment/operational data recordkeeping by electronic or hard copy continuously Maintain records as specified in 40 CFR 61.356(a) through (n). Maintain each record in a readily accessible location at the facility site for a period not less than two years from the date the information is recorded unless otherwise specified. Subpart FF. [40 CFR 61.356]

2618 Maintain records as specified in 40 CFR 63.10(b)(3). Subpart HH. [40 CFR 63.760(e)]

2619 Equip with a cover that is connected, through a closed-vent system that meets the conditions specified in 40 CFR 63.771(c), to a control device or a combination of control devices that meets any of the conditions specified in 40 CFR 63.771(d). Subpart HH. [40 CFR 63.766(b)(1)]

2620 Cover: Design and operate in accordance with the requirements of 40 CFR 63.771(b). Subpart HH. [40 CFR 63.766(b)(1)]

2621 Operate with no detectable emissions at all times that material is in the storage vessel, except as specified in 40 CFR 63.766(c). Subpart HH. [40 CFR 63.766(b)(2)]

2622 Cover: Ensure that the cover and all openings on the cover are designed to form a continuous barrier over the entire surface area of the liquid in the storage vessel. Subpart HH. [40 CFR 63.771(b)(1)]

2623 Cover: Secure each cover opening in a closed, sealed position whenever material is in the unit on which the cover is installed except during those times when it is necessary to use an opening, as specified in 40 CFR 63.771(b)(2)(i) through (b)(2)(iv). Subpart HH. [40 CFR 63.771(b)(2)]

2624 Cover: Equipment/operational data monitored by visual inspection/determination once initially following the installation of the cover, for defects that could result in air emissions. Submit inspection results with the Notification of Compliance Status Report as specified in 40 CFR 63.775(d)(12). Subpart HH. [40 CFR 63.773(c)(2)(iii)]
Which Months: All Year Statistical Basis: None specified

2625 Cover: Equipment/operational data monitored by visual inspection/determination annually for defects that could result in air emissions, except as provided in 40 CFR 63.773(c)(5) and (c)(6). Submit annual inspection results in the Periodic Report as specified in 40 CFR 63.775(e)(2)(iii). Subpart HH. [40 CFR 63.773(c)(2)(iii)]
Which Months: All Year Statistical Basis: None specified

2626 Cover: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.773(c)(4). Subpart HH. [40 CFR 63.773(c)(3)]

2627 Cover (unsafe-to-inspect): Determine that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 63.773(c)(2)(i), (ii), or (iii). Subpart HH. [40 CFR 63.773(c)(5)(i)]

2628 Cover (unsafe-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times. Subpart HH. [40 CFR 63.773(c)(5)(ii)]
Which Months: All Year Statistical Basis: None specified

2629 Cover (difficult-to-inspect): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than 2 meters above a support surface. Subpart HH. [40 CFR 63.773(c)(6)(i)]

2630 Cover (difficult-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Subpart HH. [40 CFR 63.773(c)(6)(ii)]

2631 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in 40 CFR 63.774(b) through (e). Subpart HH. [40 CFR 63.774]

EQT033 Storage Vessel - Non NSPS

2632 Equip with a submerged fill pipe. [LAC 33:III.2103.A]

2633 Equip with a vapor loss control system, consisting of a gathering system capable of collecting volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. All tank gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2103.A]

2634 Maintain working pressures sufficient at all times under normal operating conditions to prevent vapor or gas loss to the atmosphere. [LAC 33:III.2103.A]

2635 Maintain working pressures sufficient at all times under normal operating conditions to prevent vapor or gas loss to the atmosphere. [LAC 33:III.2103.B]

2636 Equip with a submerged fill pipe. [LAC 33:III.2103.B]

2637 Equip internal floating roof with a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank. [LAC 33:III.2103.C.1.a]

2638 Equip internal floating roof with a mechanical shoe seal (metallic-type shoe seal) consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. [LAC 33:III.2103.C.1.b]

2639 Equip internal floating roof with two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous. [LAC 33:III.2103.C.1.c]

2640 Provide each opening in the internal floating roof (except rim space vents and automatic bleeder vents) with a projection below the liquid surface. In addition, provide each opening (except for leg sleeves, bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains) with a cover equipped with a gasket. Equip automatic bleeder vents and rim space vents with gaskets and equip ladder wells with a sliding cover. [LAC 33:III.2103.C.2]

2641 Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2103.C]

2642 Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric. [LAC 33:III.2103.D.2.a]

2643 Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall. [LAC 33:III.2103.D.2.b]

2644 Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.c]
Which Months: All Year Statistical Basis: None specified

2645 Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.d]
Which Months: All Year Statistical Basis: None specified

2646 Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. [LAC 33:III.2103.D.2.e]
Which Months: All Year Statistical Basis: None specified

2647 Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
Which Months: All Year Statistical Basis: None specified

2648 Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
Which Months: All Year Statistical Basis: None specified

2649 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2. [LAC 33:III.2103.D.2.e]

2650 Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts. [LAC 33:III.2103.D.2.e]

EQT033 Storage Vessel - Non NSPS

2651 Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening. [LAC 33:III.2103.D.3]

2652 Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets. [LAC 33:III.2103.D.3]

2653 Control nonslotted guide poles and stilling wells using pole wipers and gasketing between the well and sliding cover. Control slotted guide poles using a float with wiper, pole wiper, and gasketing between the well and sliding cover. [LAC 33:III.2103.D.4.a]

2654 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division prior to installation of guide poles and stilling well systems. Submit a description of the method of control and supporting calculations based upon the Addendum to American Petroleum Institute Publication Number 2517 Evaporative Loss from External Floating Roof Tanks, May 1994, for approval. [LAC 33:III.2103.D.4.a]

2655 Equipment/operational data monitored by visual inspection/determination semiannually. Inspect control systems required by LAC 33:III.2103.D.4 for rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets. [LAC 33:III.2103.D.4.d]
Which Months: All Year Statistical Basis: None specified

2656 Initiate repairs of any rips, tears, visible gaps in the pole or float wiper, and/or missing sliding cover gaskets by ordering appropriate parts within seven working days after defect is identified, to avoid noncompliance with LAC 33:III.2103.D.4. Complete repairs within three months of the ordering of the repair parts. [LAC 33:III.2103.D.4.d]

2657 Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall. [LAC 33:III.2103.D]

2658 Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b. [LAC 33:III.2103.D]

2659 VOC, Total >= 95 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year. [LAC 33:III.2103.E.1]
Which Months: All Year Statistical Basis: None specified

2660 VOC, Total >= 90 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year. [LAC 33:III.2103.E.2]
Which Months: All Year Statistical Basis: None specified

2661 Equip with a vapor loss control system, consisting of a gathering system capable of collecting volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. All tank gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place. [LAC 33:III.2103.E]

2662 Maintain working pressures sufficient at all times under normal operating conditions to prevent vapor or gas loss to the atmosphere. [LAC 33:III.2103.F]

2663 Equip with a submerged fill pipe. [LAC 33:III.2103.F]

2664 Equip with a vapor loss control system consisting of a gathering system capable of collecting the volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. [LAC 33:III.2103.F]

2665 Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1. [LAC 33:III.2103.H.1]

2666 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]

2667 VOL storage data recordkeeping by electronic or hard copy continuously. Keep records of the type(s) of VOC stored and the length of time stored. [LAC 33:III.2103.I.6]

2668 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]

EQT033 Storage Vessel - Non NSPS

2669 Submit notification: Due to the Office of Environmental Compliance prior to tank filling, if possible, but no later than 24 hours after the tank starts filling. Notify in accordance with LAC 33:I.3923.A. [LAC 33:III.2103.J]

2670 Flash gas: VOC, Total >= 95 % reduction. [LAC 33:III.2104.C.1]
Which Months: All Year Statistical Basis: None specified

2671 Flash gas: VOC, Total >= 95 % reduction. [LAC 33:III.2104.C.2]
Which Months: All Year Statistical Basis: None specified

2672 Flash gas (potential to emit): VOC, Total < 25 tons/yr. [LAC 33:III.2104.C.2]
Which Months: All Year Statistical Basis: None specified

2673 Flash gas: VOC, Total >= 95 % reduction. [LAC 33:III.2104.C.3]
Which Months: All Year Statistical Basis: None specified

2674 Flash gas (potential to emit): VOC, Total < 50 tons/yr. [LAC 33:III.2104.C.3]
Which Months: All Year Statistical Basis: None specified

2675 Flash gas: VOC, Total >= 95 % reduction. [LAC 33:III.2104.C.4]
Which Months: All Year Statistical Basis: None specified

2676 Flash gas (potential to emit): VOC, Total < 100 tons/yr. [LAC 33:III.2104.C.4]
Which Months: All Year Statistical Basis: None specified

2677 Install a vapor recovery system that directs vapors to a fuel gas system, a sales gas system, an underground gas injection system, or a control device. [LAC 33:III.2104.C]

2678 Achieve compliance by the appropriate date specified in LAC 33:III.2104.E. Comply with the requirements of LAC 33:III.2104 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2104 as a result of a revision to LAC 33:III.2104. [LAC 33:III.2104.E]

2679 Flare gas: Heat content > 300 BTU/scf. [LAC 33:III.2104.F.1]
Which Months: All Year Statistical Basis: None specified

2680 Equip with an automatic flare relighting device. [LAC 33:III.2104.F.1]

2681 Presence of a flame monitored by heat sensing device continuously. [LAC 33:III.2104.F.1]
Which Months: All Year Statistical Basis: None specified

2682 Presence of a flame monitored by visual inspection/determination daily. [LAC 33:III.2104.F.1]
Which Months: All Year Statistical Basis: None specified

2683 Determine compliance with LAC 33:III.2104.C using the methods in LAC 33:III.2104.F.2.a-e, as appropriate. [LAC 33:III.2104.F.2]

2684 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2104.G.1 and 5. [LAC 33:III.2104.G]

2685 Vapor recovery system: Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of the information specified in LAC 33:III.2104.G.3. [LAC 33:III.2104.G]

2686 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2104.G.2.a.i-iii and G.4. [LAC 33:III.2104.G]

2687 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2104.G.2.b.i and ii and G.4. [LAC 33:III.2104.G]

2688 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the data required by LAC 33:III.2104.G.1-5 to verify exemption from LAC 33:III.2104. [LAC 33:III.2104.G]

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2689 Equipment/operational data <=_ appropriate units. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

2690 Equipment/operational data monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

2691 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total xxxxxxxxxxxxxxxxxxxxxx each month, as well as the total xxxxxxxxxxxxxxxx for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

2692 Submit report: Due annually, by the 31st of March. Report the xxxxxxxxxxxxxxxxxx for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

2693 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]

2694 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]

2695 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]

2696 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]

2697 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]

2698 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]

2699 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]

2700 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]

2701 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

2702 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]

2703 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]

2704 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]

2705 Fixed roof: Ensure that the cover and all openings are designed to operate with no detectable emissions as indicated by an instrument reading less than 500 ppmv above background, as determined initially and thereafter at least once per year by the methods specified in 40 CFR 61.355(h). Subpart FF. [40 CFR 61.343(a)(1)(i)(A)]

2706 Fixed roof: Maintain each opening in a closed, sealed position at all times that waste is in the tank except when it is necessary to use the opening for waste sampling or removal, or for equipment inspection, maintenance, or repair, except as specified in 40 CFR 61.343(a)(1)(i)(C). Subpart FF. [40 CFR 61.343(a)(1)(i)(B)]

2707 Install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device. Subpart FF. [40 CFR 61.343(a)(1)]

2708 Install, operate, and maintain an enclosure and closed-vent system that routes all organic vapors vented from the tank, located inside the enclosure, to a control device in accordance with the requirements specified in 40 CFR 61.343(e). Subpart FF. [40 CFR 61.343(a)(2)]

2709 Install, operate, and maintain a fixed-roof as specified in 40 CFR 61.343(a)(1)(i). Subpart FF. [40 CFR 61.343(b)(2)]

EQT033 Storage Vessel - Non NSPS

2710 Fixed-roof: Equipment/operational data monitored by visual inspection/determination once initially and once every quarter thereafter to ensure that no cracks or gaps occur and that access doors and other openings are closed and gasketed properly. Subpart FF. [40 CFR 61.343(c)]
Which Months: All Year Statistical Basis: None specified

2711 Make first efforts at repair as soon as practicable, but not later than 45 calendar days after a broken seal or gasket or other problem is identified, or when detectable emissions are measured, except as provided in 40 CFR 61.350. Subpart FF. [40 CFR 61.343(d)]

2712 Meet the requirements specified in 40 CFR 63.343(e)(1) through (e)(4). Subpart FF. [40 CFR 61.343(e)]

2713 Determine compliance with 40 CFR 61 Subpart FF using the test methods and procedures specified in 40 CFR 61.355(a) through (i), as applicable. Subpart FF. [40 CFR 61.355]

2714 Equipment/operational data recordkeeping by electronic or hard copy continuously Maintain records as specified in 40 CFR 61.356(a) through (n). Maintain each record in a readily accessible location at the facility site for a period not less than two years from the date the information is recorded unless otherwise specified. Subpart FF. [40 CFR 61.356]

2715 Maintain records as specified in 40 CFR 63.10(b)(3). Subpart HH. [40 CFR 63.760(e)]

2716 Equip with a cover that is connected, through a closed-vent system that meets the conditions specified in 40 CFR 63.771(c), to a control device or a combination of control devices that meets any of the conditions specified in 40 CFR 63.771(d). Subpart HH. [40 CFR 63.766(b)(1)]

2717 Cover: Design and operate in accordance with the requirements of 40 CFR 63.771(b). Subpart HH. [40 CFR 63.766(b)(1)]

2718 Operate with no detectable emissions at all times that material is in the storage vessel, except as specified in 40 CFR 63.766(c). Subpart HH. [40 CFR 63.766(b)(2)]

2719 Cover: Ensure that the cover and all openings on the cover are designed to form a continuous barrier over the entire surface area of the liquid in the storage vessel. Subpart HH. [40 CFR 63.771(b)(1)]

2720 Cover: Secure each cover opening in a closed, sealed position whenever material is in the unit on which the cover is installed except during those times when it is necessary to use an opening, as specified in 40 CFR 63.771(b)(2)(i) through (b)(2)(iv). Subpart HH. [40 CFR 63.771(b)(2)]

2721 Cover: Equipment/operational data monitored by visual inspection/determination once initially following the installation of the cover, for defects that could result in air emissions. Submit inspection results with the Notification of Compliance Status Report as specified in 40 CFR 63.775(d)(12). Subpart HH. [40 CFR 63.773(c)(2)(iii)]
Which Months: All Year Statistical Basis: None specified

2722 Cover: Equipment/operational data monitored by visual inspection/determination annually for defects that could result in air emissions, except as provided in 40 CFR 63.773(c)(5) and (c)(6). Submit annual inspection results in the Periodic Report as specified in 40 CFR 63.775(e)(2)(iii). Subpart HH. [40 CFR 63.773(c)(2)(iii)]
Which Months: All Year Statistical Basis: None specified

2723 Cover: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.773(c)(4). Subpart HH. [40 CFR 63.773(c)(3)]

2724 Cover (unsafe-to-inspect): Determine that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 63.773(c)(2)(i), (ii), or (iii). Subpart HH. [40 CFR 63.773(c)(5)(i)]

2725 Cover (unsafe-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times. Subpart HH. [40 CFR 63.773(c)(5)(ii)]
Which Months: All Year Statistical Basis: None specified

2726 Cover (difficult-to-inspect): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than 2 meters above a support surface. Subpart HH. [40 CFR 63.773(c)(6)(i)]

2727 Cover (difficult-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Subpart HH. [40 CFR 63.773(c)(6)(ii)]

2728 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in 40 CFR 63.774(b) through (e). Subpart HH. [40 CFR 63.774]

SPECIFIC REQUIREMENTS

AI ID: 122793 - Title V General Permit
Activity Number: PER20040001
Permit Number: General Permit
Air - Title V General Permit Initial

EQT034 Steam Boiler - Non NSPS

2729 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

2730 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

2731 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]

2732 Total suspended particulate <= 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified

2733 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified

2734 Sulfur dioxide <= 2000 ppmv at standard conditions. [LAC 33:III.1503.C]
Which Months: All Year Statistical Basis: Three-hour average

2735 Determine sulfur dioxide and sulfuric acid mist concentrations in stack gases using the methods in LAC 33:III.1503.D.Table 4. Use these methods for initial compliance determinations and for additional compliance determinations for those facilities not subject to continuous emission monitoring. [LAC 33:III.1503.D.1]

2736 Submit report: Due in writing to the Office of Environmental Compliance, Surveillance Division, within seven calendar days after startup. Submit report if requesting exemption from the provisions of LAC 33:III.1503.A. Explain the conditions and duration of the startup and list the steps necessary to remedy, prevent and limit the excess emissions. [LAC 33:III.1507.A.1]

2737 Submit report: Due in writing to the Office of Environmental Compliance, Surveillance Division, within seven calendar days of an upset which has caused excess emissions, and if on-line operating changes will eliminate a temporary condition. Submit report if requesting exemption from the emission limitations of LAC 33:III.1503.A. Explain the conditions and duration of the upset and list the steps necessary to remedy, prevent and limit the excess emissions. [LAC 33:III.1507.B.1]

2738 Control process gas streams by flaring or combustion. [LAC 33:III.1509]

2739 Sulfur dioxide monitored by continuous emission monitor (CEM) continuously. Ensure that the measurement system is certified according to Performance Specification 2 of 40 CFR 60, Appendix B, and quality assured by the procedures in 40 CFR 60, Appendix F. [LAC 33:III.1511.A]
Which Months: All Year Statistical Basis: None specified

2740 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

2741 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

2742 Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. [LAC 33:III.1513]

2743 Submit quarterly reports of three-hour excess emissions and reports of emergency conditions, in accordance with LAC 33:I.Chapter 39. [LAC 33:III.1513]

EQT034 Steam Boiler - Non NSPS

2744 Nonhalogenated hydrocarbon burning: Temperature >= 1300 F (704 degrees C) for 0.3 second or greater in a direct-flame afterburner or an equally effective device which achieves a removal efficiency of 95 percent or greater, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 50 ppm by volume, whichever is less stringent. [LAC 33:III.2115.A]
Which Months: All Year Statistical Basis: None specified

2745 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.B]
Which Months: All Year Statistical Basis: None specified

2746 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.C]
Which Months: All Year Statistical Basis: None specified

2747 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.D]
Which Months: All Year Statistical Basis: None specified

2748 VOC, Total <= 0.12 kg/1000 kg of product from the material recovery section. [LAC 33:III.2115.E]
Which Months: All Year Statistical Basis: None specified

2749 Halogenated hydrocarbons, total >= 95 % removal efficiency as determined in accordance with LAC 33:III.2115.J.1, by combustion or other methods specified in LAC 33:III.2115.G. If combusted, reduce the halogenated products of combustion to an emission level acceptable to DEQ. [LAC 33:III.2115.F]
Which Months: All Year Statistical Basis: None specified

2750 Determine compliance with LAC 33:III.2115.A through G by applying the test methods specified in LAC 33:III.2115.I.1 through 5, as appropriate. [LAC 33:III.2115.I]

2751 Demonstrate compliance with LAC 33:III.2115 as requested by DEQ. [LAC 33:III.2115.J.1]

2752 Install and maintain monitors to accurately measure and record operational parameters of all required control devices as necessary to ensure the proper functioning of those devices in accordance with design specifications. Monitor and record at a minimum the parameters listed in LAC 33:III.2115.J.2.a through e. [LAC 33:III.2115.J.2]

2753 Comply with LAC 33:III.2115 as soon as practicable but in no event later than August 20, 2003. Comply with the requirements of LAC 33:III.2115 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2115 as a result of a revision of LAC 33:III.2115. [LAC 33:III.2115.J]

2754 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.2115.K.1 through K.3. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

2755 Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]

2756 Equipment/operational data <=_ appropriate units. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

2757 Equipment/operational data monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

EQT034 Steam Boiler - Non NSPS

2758 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total xxxxxxxxxxxxxxxxxxxxxx each month, as well as the total xxxxxxxxxxxxxxxx for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

2759 Submit report: Due annually, by the 31st of March. Report the xxxxxxxxxxxxxxxxxx for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

2760 Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing. [LAC 33:III.501.C.6]

2761 Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. [LAC 33:III.501.C.6]

2762 Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shakedown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources, and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.501.C.6]

2763 Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shakedown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; Method 6C - Determination of Sulfur Dioxide Emissions From Stationary Sources (Instrumental Analyzer Procedure); and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.501.C.6]

2764 Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shakedown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; Method 25A - Determination of Total Gaseous Organic Concentration using a Flame Ionization Analyzer; and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.501.C.6]

2765 Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shakedown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; Method 25A - Determination of Total Gaseous Organic Concentration using a Flame Ionization Analyzer; Method 6C - Determination of Sulfur Dioxide Emissions From Stationary Sources (Instrumental Analyzer Procedure); and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.501.C.6]

2766 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]

2767 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]

EQT034 Steam Boiler - Non NSPS

2768 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]

2769 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]

2770 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]

2771 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]

2772 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]

2773 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]

2774 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

2775 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]

2776 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]

2777 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]

FUG001 Fugitive Emissions - Equipment Leaks

2778 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]

2779 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]

2780 Repair according to LAC 33:III.2121.B.3 any regulated component observed leaking by sight, sound, or smell, regardless of the leak's concentration. [LAC 33:III.2121.B.1]

2781 Do not locate any valve, except safety pressure relief valves, valves on sample lines, valves on drain lines and valves that can be removed and replaced without a shutdown, at the end of a pipe or line containing VOC unless the end of such line is sealed with a second valve, a blind flange, a plug, or a cap. Remove such sealing devices only when the line is in use, for example, when a sample is being taken. When the line has been used and is subsequently resealed, close the upstream valve first, followed by the sealing device. [LAC 33:III.2121.B.2]

2782 Make every reasonable effort to repair a leaking component, as described in LAC 33:III.2121.B, within 15 days, except as provided. [LAC 33:III.2121.B.3]

2783 Pumps and compressors: Seal or closure mechanism monitored by visual inspection/determination weekly (52 times per year). [LAC 33:III.2121.C.2.a]
Which Months: All Year Statistical Basis: None specified

2784 Pumps, pump and compressor seals: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 quarterly (four times per year). If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3. Permittee may elect to comply with the alternate standards for valves in LAC 33:III.2121.D (skip period provisions). [LAC 33:III.2121.C.2.b.i]
Which Months: All Year Statistical Basis: None specified

FUG001 Fugitive Emissions - Equipment Leaks

2785 Valves: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 quarterly (four times per year). If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3. Permittee may elect to comply with the alternate standards for valves in LAC 33:III.2121.D (skip period provisions). [LAC 33:III.2121.C.2.b.ii]
Which Months: All Year Statistical Basis: None specified

2786 Pressure relief valves in gas service: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 quarterly (four times per year). If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3. [LAC 33:III.2121.C.2.b.iii]
Which Months: All Year Statistical Basis: None specified

2787 Pressure relief valves: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 within 24 hours after venting to the atmosphere. If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3. [LAC 33:III.2121.C.3.a]
Which Months: All Year Statistical Basis: None specified

2788 Pressure relief valves: Presence of a leak monitored by visual inspection/determination immediately after venting to the atmosphere. [LAC 33:III.2121.C.3.a]
Which Months: All Year Statistical Basis: None specified

2789 All components: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 upon each occurrence of a leak detected by sight, smell, or sound, unless electing to implement actions as specified in LAC 33:III.2121.B.3. [LAC 33:III.2121.C.3.b]
Which Months: All Year Statistical Basis: None specified

2790 Inaccessible valves: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually (at a minimum). [LAC 33:III.2121.C.4.c]
Which Months: All Year Statistical Basis: None specified

2791 Unsafe-to-monitor valves: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 upon each occurrence of conditions allowing these valves to be monitored safely. [LAC 33:III.2121.C.4.c]
Which Months: All Year Statistical Basis: None specified

2792 When a leak that cannot be repaired on-line and in-place is located, affix to the leaking component a weatherproof and readily visible tag bearing an identification number and the date the leak is located. Date and remove the tag after the leak is repaired. [LAC 33:III.2121.E.1]

2793 Equipment/operational data recordkeeping by survey log upon each occurrence of a leak. Include the leaking component information specified in LAC 33:III.2121.E.2. Retain the survey log for two years after the latter date specified in LAC 33:III.2121.E.2 and make said log available to DEQ upon request. [LAC 33:III.2121.E]

2794 Submit report: Due semiannually, by the 31st of January and July, to the Office of Environmental Assessment, Environmental Technology Division. Include the information specified in LAC 33:III.2121.F.1 through 4 for each calendar quarter during the reporting period. [LAC 33:III.2121.F]

2795 Submit notification in writing: Due to DEQ if requesting exemption from the regulations in LAC 33:III.2122. Include how 40 CFR 60.480-489 (Subpart VV), 60.590-593 (Subpart GGG), 60.630-636 (Subpart KKK), or 61.240-247 (Subpart V) will be administered to obtain the exemption. [LAC 33:III.2122.A.6.a]

2796 Repair according to LAC 33:III.2122.C.3 any regulated component observed leaking by sight, sound, or smell, regardless of the leak's concentration, except those covered under LAC 33:III.2122.C.1.d. [LAC 33:III.2122.C.1.c]

2797 Pumps and valves in heavy liquid service: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 within 5 days if observed leaking by sight, sound, or smell. Repair according to LAC 33:III.2122.C.3 if the pump or valve is determined to be leaking in excess of the applicable limits given in LAC 33:III.2122. [LAC 33:III.2122.C.1.d]
Which Months: All Year Statistical Basis: None specified

2798 Do not locate any valve, except safety pressure relief valves, at the end of a pipe or line containing volatile organic compounds unless the end of such line is sealed with a second valve, a blind flange, a plug, or a cap. Remove such sealing devices only when the line is in use, for example, when a sample is being taken. When the line has been used and is subsequently resealed, close the upstream valve first, followed by the sealing device. [LAC 33:III.2122.C.2]

2799 Make every reasonable effort to repair a leaking component, as described in LAC 33:III.2122, within 15 days, except as provided. [LAC 33:III.2122.C.3]

2800 Determine the percent of leaking components at a process unit for a test period using the equation in LAC 33:III.2122.C.4. [LAC 33:III.2122.C.4]

2801 Determine the total percent of leaking and unrepairable components using the equation in LAC 33:III.2122.C.5. [LAC 33:III.2122.C.5]

FUG001 Fugitive Emissions - Equipment Leaks

2802 Pump and compressors: Seal or closure mechanism monitored by visual inspection/determination weekly (52 times a year). [LAC 33:III.2122.D.2.a]
Which Months: All Year Statistical Basis: None specified

2803 Pumps, pump and compressor seals: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 quarterly (four times a year). If a reading of 5,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2122.C.3. [LAC 33:III.2122.D.2.b.i]
Which Months: All Year Statistical Basis: None specified

2804 Valves: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 quarterly (four times a year). If a reading of 2,500 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2122.C.3. Permittee may elect to comply with the alternate standards for valves in LAC 33:III.2122.E (skip period provisions). [LAC 33:III.2122.D.2.b.ii]
Which Months: All Year Statistical Basis: None specified

2805 Pressure relief valves in gas service: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 quarterly (four times a year). If a reading of 2,500 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2122.C.3. [LAC 33:III.2122.D.2.b.iii]
Which Months: All Year Statistical Basis: None specified

2806 Pressure relief valves: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 within 24 hours after venting to the atmosphere. If a reading of 1,000 ppmv or greater (for petroleum refineries, SOCMI, MTBE, and polymer manufacturing industry) or 2,500 ppmv or greater (for natural gas processing plants) is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2122.C.3. [LAC 33:III.2122.D.3.a]
Which Months: All Year Statistical Basis: None specified

2807 Pressure relief valves: Presence of a leak monitored by visual inspection/determination immediately after venting to the atmosphere. [LAC 33:III.2122.D.3.a]
Which Months: All Year Statistical Basis: None specified

2808 All components: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 upon each occurrence of a leak detected by sight, smell, or sound, unless electing to implement actions as specified in LAC 33:III.2122.C.3. [LAC 33:III.2122.D.3.b]
Which Months: All Year Statistical Basis: None specified

2809 Inaccessible valves: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually (at a minimum). [LAC 33:III.2122.D.3.c]
Which Months: All Year Statistical Basis: None specified

2810 Unsafe-to-monitor valves: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 upon each occurrence of conditions allowing these valves to be monitored safely. [LAC 33:III.2122.D.3.d]
Which Months: All Year Statistical Basis: None specified

2811 When a component which has a leak that cannot be repaired, as described in LAC 33:III.2122.C, is located, affix to the leaking component a weatherproof and readily visible tag bearing an identification number and the date the leak is located. Remove the tag after the leak has been repaired. [LAC 33:III.2122.F.1]

2812 Equipment/operational data recordkeeping by survey log upon each occurrence of a leak. Include the leaking component information specified in LAC 33:III.2122.F.2.a through j. Retain the survey log for two years after the latter date specified in LAC 33:III.2122.F.2 and make said log available to DEQ upon request. [LAC 33:III.2122.F]

2813 Submit report: Due semiannually, by the 31st of January and July, to the Office of Environmental Assessment, Environmental Technology Division. Include the information specified in LAC 33:III.2122.G.1 through 6 for each calendar quarter during the reporting period. [LAC 33:III.2122.G]

2814 Demonstrate compliance with the requirements of 40 CFR 60.482-1 to 40 CFR 60.482-10 for all equipment within 180 days of initial startup. Subpart VV. [40 CFR 60.482-1(a)]

2815 Pumps in light liquid service (no dual mechanical seal system): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 monthly to detect leaks by the methods specified in 40 CFR 60.485(b). If an instrument reading of 10,000 ppm or greater is measured, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 60.482-2(c). Subpart VV. [40 CFR 60.482-2(a)(1)]
Which Months: All Year Statistical Basis: None specified

FUG001 Fugitive Emissions - Equipment Leaks

2816 Pumps in light liquid service (no dual mechanical seal system): Presence of a leak monitored by visual inspection/determination weekly (calendar) for indications of liquids dripping from the pump seal. If there are indications of liquids dripping from the pump seal, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 60.482-2(c). Subpart VV. [40 CFR 60.482-2(a)(2)]
Which Months: All Year Statistical Basis: None specified

2817 Pumps in light liquid service (no dual mechanical seal system): When a leak is detected, make a first attempt at repair no later than 5 calendar days after each leak is detected and complete repairs no later than 15 calendar days after it is detected, except as provided in 40 CFR 60.482-9. Subpart VV. [40 CFR 60.482-2(c)]

2818 Pumps in light liquid service (dual mechanical seal system): Operate the seal system with the barrier fluid at a pressure that is greater than the pump stuffing box pressure; OR equip the seal system with a barrier fluid system degassing reservoir that is routed to a process or fuel gas system or connected by a closed vent system to a control device that complies with the requirements of 40 CFR 60.482-10; OR equip the seal system with a system that purges the barrier fluid into a process stream with zero VOC emissions to the atmosphere. Subpart VV. [40 CFR 60.482-2(d)(1)]

2819 Pumps in light liquid service (dual mechanical seal system): Ensure that the barrier fluid is in heavy liquid service or not in VOC service. Subpart VV. [40 CFR 60.482-2(d)(2)]

2820 Pumps in light liquid service (dual mechanical seal system): Equip each barrier fluid system with a sensor that will detect failure of the seal system, barrier fluid system, or both. Subpart VV. [40 CFR 60.482-2(d)(3)]

2821 Pumps in light liquid service (dual mechanical seal system): Presence of a leak monitored by visual inspection/determination weekly (calendar) for indications of liquids dripping from the pump seal. If there are indications of liquids dripping from the pump seal a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 60.482-2(d)(6)(ii) and (iii). Subpart VV. [40 CFR 60.482-2(d)(4)]
Which Months: All Year Statistical Basis: None specified

2822 Pumps in light liquid service (dual mechanical seal system): Equipment/operational data monitored by visual inspection/determination daily, or equip the sensor with an audible alarm. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criterion determined in 40 CFR 60.482-2(d)(5)(ii), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 60.482-2(d)(6)(ii) and (iii). Subpart VV. [40 CFR 60.482-2(d)(5)(i)]
Which Months: All Year Statistical Basis: None specified

2823 Pumps in light liquid service (dual mechanical seal system): Determine, based on design considerations and operating experience, a criterion that indicates failure of the seal system, the barrier fluid system, or both. Subpart VV. [40 CFR 60.482-2(d)(5)(ii)]

2824 Pumps in light liquid service (dual mechanical seal system): When a leak is detected, make a first attempt at repair no later than 5 calendar days after each leak is detected and complete repairs no later than 15 calendar days after it is detected, except as provided in 40 CFR 60.482-9. Subpart VV. [40 CFR 60.482-2(d)(6)]

2825 Pumps in light liquid service (no detectable emissions): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually, and at other times requested by DEQ. Subpart VV. [40 CFR 60.482-2(e)(3)]
Which Months: All Year Statistical Basis: None specified

2826 Pumps in light liquid service (unsafe-to-monitor): Demonstrate that the pump is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 60.482-2(a). Subpart VV. [40 CFR 60.482-2(g)(1)]

2827 Pumps in light liquid service (unsafe-to-monitor): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the pump as frequently as practicable during safe to monitor times but not more frequently than the periodic monitoring schedule otherwise applicable, and repair of the equipment according to the procedures in 40 CFR 60.482-2(c) if a leak is detected. Subpart VV. [40 CFR 60.482-2(g)(2)]
Which Months: All Year Statistical Basis: None specified

2828 Pumps in light liquid service (unmanned plant site): Presence of a leak monitored by visual inspection/determination at the regulation's specified frequency. Subpart VV. [40 CFR 60.482-2(h)]
Which Months: All Year Statistical Basis: None specified

2829 Compressors: Equip with a seal system that includes a barrier fluid system and that prevents leakage of VOC to the atmosphere, except as specified in 40 CFR 60.482-1(c) and 40 CFR 60.482-3(h) and (i). Subpart VV. [40 CFR 60.482-3(a)]

FUG001 Fugitive Emissions - Equipment Leaks

2830 Compressors: Operate the seal system with the barrier fluid at a pressure that is greater than the compressor stuffing box pressure; or equip the seal system with a barrier fluid system degassing reservoir that is routed to a process or fuel gas system or connected by a closed vent system to a control device that complies with the requirements of 40 CFR 60.482-10; or equip the seal system with a system that purges the barrier fluid into a process stream with zero VOC emissions to the atmosphere. Subpart VV. [40 CFR 60.482-3(b)]

2831 Compressors: Ensure that the barrier fluid is in heavy liquid service or not in VOC service. Subpart VV. [40 CFR 60.482-3(c)]

2832 Compressors: Equip each barrier fluid system as described in 40 CFR 60.482-3(a) with a sensor that will detect failure of the seal system, barrier fluid system, or both. Subpart VV. [40 CFR 60.482-3(d)]

2833 Compressors (sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an audible alarm. If the sensor indicates failure of the seal system, the barrier system, or both based on the criterion determined under 40 CFR 60.482-3(e)(2), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 60.482-3(g). Subpart VV. [40 CFR 60.482-3(e)(1)]
Which Months: All Year Statistical Basis: None specified

2834 Compressors (sensor): Determine, based on design considerations and operating experience, a criterion that indicates failure of the seal system, the barrier fluid system, or both. Subpart VV. [40 CFR 60.482-3(e)(2)]

2835 Compressors: When a leak is detected, make a first attempt at repair no later than 5 calendar days after each leak is detected and complete repairs no later than 15 calendar days after it is detected, except as provided in 40 CFR 60.482-9. Subpart VV. [40 CFR 60.482-3(g)]

2836 Compressors (no detectable emissions): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually, and at other times requested by DEQ. Subpart VV. [40 CFR 60.482-3(i)(2)]
Which Months: All Year Statistical Basis: None specified

2837 Pressure relief devices in gas/vapor service: VOC, Total < 500 ppm above background, except during pressure releases, as determined by the methods specified in 40 CFR 60.485(c). Subpart VV. [40 CFR 60.482-4(a)]
Which Months: All Year Statistical Basis: None specified

2838 Pressure relief devices in gas/vapor service: After each pressure release, return to a condition of no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, as soon as practicable, but no later than 5 calendar days after each pressure release, except as provided in 40 CFR 60.482-9. Subpart VV. [40 CFR 60.482-4(b)(1)]

2839 Pressure relief devices in gas/vapor service: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 within 5 days (calendar) after a pressure release, to confirm the conditions of no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, as specified in 40 CFR 60.485(c). Subpart VV. [40 CFR 60.482-4(b)(2)]
Which Months: All Year Statistical Basis: None specified

2840 Pressure relief devices in gas/vapor service (rupture disk): After each pressure release, install a new rupture disk upstream of the pressure relief device, as soon as practicable, but no later than 5 calendar days after each pressure release, except as provided in 40 CFR 60.482-9. Subpart VV. [40 CFR 60.482-4(d)(2)]

2841 Sampling connection systems: Equip with a closed-purged, closed-loop, or closed-vent system, except as provided in 40 CFR 60.482-1(c). Operate the system as specified in 40 CFR 60.482-5(a) and (b). Subpart VV. [40 CFR 60.482-5]

2842 Open-ended valves or lines: Equip with a cap, blind flange, plug, or a second valve, except as provided in 40 CFR 60.482-1(c). The cap, blind flange, plug, or second valve shall seal the open end at all times except during operations requiring process fluid flow through the open-ended valve or line. Operate each open-ended valve or line equipped with a second valve such that the valve on the process fluid end is closed before the second valve is closed. The bleed valve or line may remain open during operations requiring venting the line between the block valves of a double block-and-bleed system, but shall comply with 40 CFR 60.482-6(a) at all other times. Subpart VV. [40 CFR 60.482-6]

2843 Valves in gas/vapor service and in light liquid service: When a leak is detected, make a first attempt at repair no later than 5 calendar days after each leak is detected and complete repairs no later than 15 calendar days after it is detected, except as provided in 40 CFR 60.482-9. Subpart VV. [40 CFR 60.482-7(d)]

SPECIFIC REQUIREMENTS

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Activity Number: PER20040001
Permit Number: General Permit
Air - Title V General Permit Initial

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2844 Valves in gas/vapor service and in light liquid service (no detectable emissions): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually, and at other times requested by DEQ. Subpart VV. [40 CFR 60.482-7(f)(3)]
Which Months: All Year Statistical Basis: None specified

2845 Valves in gas/vapor service and in light liquid service (unsafe-to-monitor): Demonstrate that the valve is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 60.482-7(a). Subpart VV. [40 CFR 60.482-7(g)(1)]

2846 Valves in gas/vapor service and in light liquid service (unsafe-to-monitor): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Adhere to a written plan that requires monitoring of the valve as frequently as practicable during safe to monitor times. Subpart VV. [40 CFR 60.482-7(g)(2)]
Which Months: All Year Statistical Basis: None specified

2847 Valves in gas/vapor service and in light liquid service (difficult-to-monitor): Demonstrate that the valve cannot be monitored without elevating the monitoring personnel more than 2 meters above a support surface. Subpart VV. [40 CFR 60.482-7(h)(1)]

2848 Valves in gas/vapor service and in light liquid service (difficult-to-monitor): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually. Follow a written plan that requires monitoring of the valve at least once per calendar year. Subpart VV. [40 CFR 60.482-7(h)(3)]
Which Months: All Year Statistical Basis: None specified

2849 Valves in gas/vapor service and in light liquid service: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 monthly to detect leaks by the methods specified in 40 CFR 60.485(b). Permittee may elect to comply with the alternate standards in 40 CFR 60.482-7(c), 60.483-1, or 60.483-2. If an instrument reading of 10,000 ppm or greater is measured, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 60.482-7(d). Subpart VV. [40 CFR 60.482-7]
Which Months: All Year Statistical Basis: None specified

2850 Pumps and valves in heavy liquid service, pressure relief devices in light liquid or heavy liquid service, and connectors: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 within 5 days (calendar) by the method specified in 40 CFR 60.485(b), if evidence of a potential leak to the atmosphere is found by visible, audible, olfactory, or any other detection method and comply with the requirements of 40 CFR 60.482-8(b) through (d); OR eliminate the indication of a leak. If an instrument reading of 10,000 ppm or greater is measured, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 60.482-8(c). Subpart VV. [40 CFR 60.482-8(a)]
Which Months: All Year Statistical Basis: None specified

2851 Pumps and valves in heavy liquid service, pressure relief devices in light liquid or heavy liquid service, and connectors: When a leak is detected, make a first attempt at repair no later than 5 calendar days after each leak is detected and complete repairs no later than 15 calendar days after it is detected, except as provided in 40 CFR 60.482-9. Subpart VV. [40 CFR 60.482-8(c)]

2852 In conducting the performance tests required in 40 CFR 60.8, use as reference methods and procedures the test methods in Appendix A of Part 60 or other methods and procedures as specified in 40 CFR 60.485, except as provided in 40 CFR 60.8(b). Conduct any other required demonstrations using the test methods and procedures outlined. Subpart VV. [40 CFR 60.485]

2853 Equipment/operational data recordkeeping by logbook continuously. Record and keep the specified information in a readily accessible location for use in determining exemptions as provided in 40 CFR 60.480(d). Subpart VV. [40 CFR 60.486(i)]

2854 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Record and maintain records as specified 40 CFR 60.486(a) through (k). Subpart VV. [40 CFR 60.486]

2855 Submit notification: Due 90 days before implementing either of the alternative standards contained in 40 CFR 60.483-1or 60.483-2. Notify DEQ of the provision selected. Subpart VV. [40 CFR 60.487(d)]

2856 Submit performance test results: Due in accordance with 40 CFR 60.8 of the General Provisions. Subpart VV. [40 CFR 60.487(e)]

2857 Submit semiannual report: Due semiannually to DEQ beginning six months after the initial startup date. Submit the information specified in 40 CFR 60.487(b) and (c). Subpart VV. [40 CFR 60.487]

2858 Comply with the requirements specified in 40 CFR 60.482-1(a), (b), and (d) and 40 CFR 60.482-2 through 60.482-10, except as provided in 40 CFR 60.633, as soon as practicable, but no later than 180 days after initial startup. Subpart KKK. [40 CFR 60.632(a)]

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2859 Comply with the provisions of 40 CFR 60.485 except as provided in 40 CFR 60.632(f) and 60.633(h). Subpart KKK. [40 CFR 60.632(d)]

2860 Comply with the provisions of 40 CFR 60.486 and 60.487 except as provided in 40 CFR 60.633, 60.635, and 60.636. Subpart KKK. [40 CFR 60.632(e)]

2861 Demonstrate that a piece of equipment is not in VOC service or in wet gas service by using the specified methods. Subpart KKK. [40 CFR 60.632(f)]

2862 Pressure relief devices in gas/vapor service: When a leak is detected, make a first attempt at repair no later than 5 calendar days after each leak is detected and complete repairs no later than 15 calendar days after it is detected, except as provided in 40 CFR 60.482-9. Subpart KKK. [40 CFR 60.633(b)(3)]

2863 Pressure relief devices in gas/vapor service: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 quarterly and within 5 days after each pressure release to detect leaks by the methods specified in 40 CFR 60.485(b) except as provided in 40 CFR 60.632(c), 60.633(b)(4), and 60.482-4(a) through (c) of Subpart VV. If an instrument reading of 10,000 ppm or greater is measured, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 60.633(b)(3). Subpart KKK. [40 CFR 60.633(b)]
Which Months: All Year Statistical Basis: None specified

2864 Pressure relief devices in gas/vapor service: When each leak is detected as specified in 40 CFR 60.633(b)(2), attach a weatherproof and readily visible identification, marked with the equipment identification number, to the leaking equipment. Subpart KKK. [40 CFR 60.635(b)(1)]

2865 Pressure relief devices in gas/vapor service: Equipment/operational data recordkeeping by logbook continuously. When each leak is detected as specified in 40 CFR 60.633(b)(2), record and keep the specified information for 2 years in a readily accessible location. Subpart KKK. [40 CFR 60.635(b)(2)]

2866 Compressors: Equipment/operational data recordkeeping by logbook continuously. Record and keep information and data used to demonstrate that a reciprocating compressor is in wet gas service in a readily accessible location for use in determining exemptions as provided in 40 CFR 60.633(f). Subpart KKK. [40 CFR 60.635(c)]

2867 Pressure relief devices in gas/vapor service: Include the following information in the initial semiannual report in addition to the information required in 40 CFR 60.487(b)(1) through (4): Number of pressure relief devices subject to the requirements of 40 CFR 60.633(b) except for those pressure relief devices designated for no detectable emissions under the provisions of 40 CFR 60.482-4(a) and those pressure relief devices complying with 40 CFR 60.482-4(c). Subpart KKK. [40 CFR 60.636(b)]

2868 Pressure relief devices in gas/vapor service: Include the following information in all semiannual reports in addition to the information required in 40 CFR 60.487(c)(2)(i) through (vi): Number of pressure relief devices for which leaks were detected as required in 40 CFR 60.633(b)(2) and number of pressure relief devices for which leaks were not repaired as required in 40 CFR 60.633(b)(3). Subpart KKK. [40 CFR 60.636(c)]

2869 Mark each piece of equipment so that it can be distinguished readily from pieces of equipment not subject to 40 CFR 61 Subpart V. Subpart V. [40 CFR 61.242-1(d)]

2870 Pumps in VHAP service: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 monthly to detect leaks, except as specified in 40 CFR 61.242-1(c) and 40 CFR 61.242-2(d), (e) and (f). If a reading of 10,000 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 61.242-2(c). Subpart V. [40 CFR 61.242-2(a)(1)]
Which Months: All Year Statistical Basis: None specified

2871 Pumps in VHAP service: Presence of a leak monitored by visual inspection/determination weekly (calendar). Monitor for indications of liquids dripping from the pump seal. If there are indications of liquids dripping from the pump seal, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 61.242-2(c). Subpart V. [40 CFR 61.242-2(a)(2)]
Which Months: All Year Statistical Basis: None specified

2872 Pumps: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 61.242-10. Subpart V. [40 CFR 61.242-2(c)]

2873 Pumps (dual mechanical seal system): Operate with the barrier fluid at a pressure that is at all times greater than the pump stuffing box pressure; or equip with a barrier fluid degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of 40 CFR 61.242-11; or equip with a system that purges the barrier fluid into a process stream with zero VHAP emissions to the atmosphere. Subpart V. [40 CFR 61.242-2(d)(1)]

2874 Pumps (dual mechanical seal system): Ensure that the barrier fluid is not in VHAP service and, if the pump is covered by standards under 40 CFR Part 60, not in VOC service. Subpart V. [40 CFR 61.242-2(d)(2)]

2875 Pumps (dual mechanical seal system): Equip with a sensor that will detect failure of the seal system, barrier fluid system, or both. Subpart V. [40 CFR 61.242-2(d)(3)]

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2876 Pumps (dual mechanical seal system): Presence of a leak monitored by visual inspection/determination weekly (calendar). Monitor for indications of liquids dripping from the pump seal. If there are indications of liquid dripping from the pump seal at the time of the weekly inspection, monitor the pump as specified in 40 CFR 61.245 to determine the presence of VOC and VHAP in the barrier fluid. If the monitor reading (taking into account any background readings) indicates the presence of VHAP, a leak is detected. If an instrument reading of 10,000 ppm or greater (total VOC) is measured, a leak is detected. If a leak is detected, initiate the repair provisions in 40 CFR 61.242-2(d)(6). Subpart V. [40 CFR 61.242-2(d)(4)]
Which Months: All Year Statistical Basis: None specified

2877 Pumps (dual mechanical seal system): Determine, based on design considerations and operating experience, criteria that indicates failure of the seal system, the barrier fluid system, or both. Subpart V. [40 CFR 61.242-2(d)(6)(i)]

2878 Pumps (dual mechanical seal system): Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 61.242-10. Subpart V. [40 CFR 61.242-2(d)(6)]

2879 Pumps (dual mechanical seal system - sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an audible alarm. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criteria established in 40 CFR 61.242-2(d)(6)(i), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 61.242-2(d)(6). Subpart V. [40 CFR 61.242-2(d)]
Which Months: All Year Statistical Basis: None specified

2880 Pumps (no detectable emissions): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually, and at other times requested by DEQ. Subpart V. [40 CFR 61.242-2(e)(3)]
Which Months: All Year Statistical Basis: None specified

2881 Pumps (unsafe-to-monitor): Demonstrate that the pump is unsafe-to-monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 61.242-2(a). Subpart V. [40 CFR 61.242-2(g)(1)]

2882 Pumps (unsafe-to-monitor): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the pump as frequently as practicable during safe-to-monitor times but not more frequently than the periodic monitoring schedule otherwise applicable, and repair according to the procedures in 40 CFR 61.242-2(c) if a leak is detected. Subpart V. [40 CFR 61.242-2(g)(2)]
Which Months: All Year Statistical Basis: None specified

2883 Pumps (unmanned plant site): Presence of a leak monitored by visual inspection/determination at the regulation's specified frequency. Monitor each pump as often as practicable and at least monthly. Subpart V. [40 CFR 61.242-2(h)]
Which Months: All Year Statistical Basis: None specified

2884 Compressors: Equip with a seal system that includes a barrier fluid system and that prevents leakage of process fluid to atmosphere, except as provided in 40 CFR 61.242-1(c) and 40 CFR 61.242-3(h) and (i). Subpart V. [40 CFR 61.242-3(a)]

2885 Compressors: Operate the seal system with the barrier fluid at a pressure that is greater than the compressor stuffing box pressure; or equip the seal system with a barrier fluid system degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of 40 CFR 61.242-11; or equip the seal system with a system that purges the barrier fluid into a process stream with zero VHAP emissions to atmosphere. Subpart V. [40 CFR 61.242-3(b)]

2886 Compressors: Ensure that the barrier fluid is not in VHAP service and, if the compressor is covered by standards under 40 CFR part 60, is not in VOC service. Subpart V. [40 CFR 61.242-3(c)]

2887 Compressors: Equip each barrier fluid system as described in 40 CFR 61.242-3(a) through (c) with a sensor that will detect failure of the seal system, barrier fluid system, or both. Subpart V. [40 CFR 61.242-3(d)]

2888 Compressors (sensor): Determine, based on design considerations and operating experience, a criterion that indicates failure of the seal system, the barrier fluid system, or both. Subpart V. [40 CFR 61.242-3(e)(2)]

2889 Compressors: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after each leak is detected, except as provided in 40 CFR 61.242-10. Subpart V. [40 CFR 61.242-3(g)]

SPECIFIC REQUIREMENTS

AI ID: 122793 - Title V General Permit
Activity Number: PER20040001
Permit Number: General Permit
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FUG001 Fugitive Emissions - Equipment Leaks

2890 Compressors (no detectable emissions): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually, and at other times requested by DEQ. Subpart V. [40 CFR 61.242-3(i)(2)]
Which Months: All Year Statistical Basis: None specified

2891 Compressors (sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an audible alarm, unless the compressor is located within the boundary of an unmanned plant site. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criterion determined under 40 CFR 61.242-3(e)(2), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 61.242-3(g). Subpart V. [40 CFR 61.242-3]
Which Months: All Year Statistical Basis: None specified

2892 Pressure relief devices in gas/vapor service: VOC, Total < 500 ppm above background, except during pressure releases, as measured by the method in 40 CFR 61.245(c). Subpart V. [40 CFR 61.242-4(a)]
Which Months: All Year Statistical Basis: None specified

2893 Pressure relief device in gas/vapor VHAP service: After each pressure release, return to a condition of no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, as soon as practicable, but no later than 5 calendar days after each pressure release, except as provided in 40 CFR 61.242-10. Subpart V. [40 CFR 61.242-4(b)(1)]

2894 Pressure relief device in gas/vapor VHAP service: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 within 5 days (calendar) of pressure release to confirm the condition of no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, as measured by the method specified in 40 CFR 61.245(c). Subpart V. [40 CFR 61.242-4(b)(2)]
Which Months: All Year Statistical Basis: None specified

2895 Pressure relief devices in gas/vapor service (rupture disk): After each pressure release, install a new rupture disk upstream of the pressure relief device as soon as practicable, but no later than 5 calendar days after each pressure release, except as provided in 40 CFR 61.242-10. Subpart V. [40 CFR 61.242-4(d)(2)]

2896 Sampling connecting systems: Equip with a closed-purge, closed-loop, or closed-vent system, except as provided in 40 CFR 61.242-1(c). Operate the system as specified in 40 CFR 61.242-5(b). Subpart V. [40 CFR 61.242-5]

2897 Open-ended valves or lines: Equip with a cap, blind flange, plug or a second valve, except as provided in 40 CFR 61.242-1(c). Ensure that the cap, blind flange, plug or second valve seals the open end at all times except during operations requiring process fluid flow through the open-ended valve or line. Operate each open-ended valve equipped with a second valve in a manner such that the valve on the process fluid end is closed before the second valve is closed. Subpart V. [40 CFR 61.242-6]

2898 Valves in VHAP service: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 monthly except as specified. If a reading of 10,000 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 61.242-7(d). Permittee may elect to comply with the alternate standards for valves in 40 CFR 61.242-7(c), 40 CFR 61.243-1 or 40 CFR 61.243-2 (skip period provisions). Subpart V. [40 CFR 61.242-7(a)]
Which Months: All Year Statistical Basis: None specified

2899 Valves: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after each leak is detected, except as provided in 40 CFR 61.242-10. Subpart V. [40 CFR 61.242-7(d)]

2900 Valves (no detectable emissions): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually, and at other times requested by DEQ, to determine compliance with 40 CFR 61.242-7(f)(2). Subpart V. [40 CFR 61.242-7(f)(3)]
Which Months: All Year Statistical Basis: None specified

2901 Valves (unsafe-to-monitor): Demonstrate that the valve is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 61.242-7(a). Subpart V. [40 CFR 61.242-7(g)(1)]

2902 Valves (unsafe-to-monitor): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the valve as frequent as practicable during safe-to-monitor times. Subpart V. [40 CFR 61.242-7(g)(2)]
Which Months: All Year Statistical Basis: None specified

FUG001 Fugitive Emissions - Equipment Leaks

2903 Valves (difficult-to-monitor): Demonstrate that the valve cannot be monitored without elevating the monitoring personnel more than 2 meters above a support surface. Subpart V. [40 CFR 61.242-7(h)(1)]

2904 Valves (difficult-to-monitor): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually. Maintain a written plan that requires monitoring of the valve at least once per calendar year. Subpart V. [40 CFR 61.242-7(h)(3)]
Which Months: All Year Statistical Basis: None specified

2905 Pressure relief devices in liquid service and connectors: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 within 5 days if evidence of a potential leak is found by visible, audible, olfactory, or any other detection method and comply with the requirements of 40 CFR 61.242-8(b) through (d), OR eliminate the visual, audible, olfactory or other indication of a potential leak, except as specified in 40 CFR 61.242-1(c). If a reading of 10,000 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 61.242-8(c). Subpart V. [40 CFR 61.242-8(a)]
Which Months: All Year Statistical Basis: None specified

2906 Pressure relief devices in liquid service and connectors: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 61.242-10. Subpart V. [40 CFR 61.242-8(c)]

2907 Surge control vessels and bottoms receivers: Equip with a closed-vent system capable of capturing and transporting any leakage from the vessel back to the process or to a control device as described in 40 CFR 61.242-11except as specified in 40 CFR 61.242-1(c), or comply with the requirements of 40 CFR 63.119(b) or (c), if surge control vessel or bottoms receiver is not routed back to the process and meets the conditions specified in 40 CFR 61 Subpart V Table 1 or Table 2. Subpart V. [40 CFR 61.242-9]

2908 Comply with the test methods and procedures requirements provided in 40 CFR 61.245. Subpart V. [40 CFR 61.245(a)]

2909 Attach a weatherproof and readily visible identification, marked with the equipment identification number, to a leaking component detected as specified in 40 CFR 61.242-2, 40 CFR 61.242-3, 40 CFR 61.242-7, 40 CFR 61.242-8, and 40 CFR 61.135. The identification may be removed after it has been monitored for 2 successive months as specified in 40 CFR 61.242-7(c) and no leak has been detected during those 2 months. The identification on equipment, except on a valve, may be removed after it has been repaired. Subpart V. [40 CFR 61.246(b)]

2910 Equipment/operational data recordkeeping by logbook continuously. Record and keep the specified information in a readily accessible location for use in determining exemptions as provided in 40 CFR 61.240. Subpart V. [40 CFR 61.246(i)]

2911 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in 40 CFR 61.246(b) through (j). Subpart V. [40 CFR 61.246]

2912 Submit report: Due semiannually, starting 6 months after the initial report required in 40 CFR 61.247(a). Include the information specified in 40 CFR 61.247(b)(1) through (b)(5). Subpart V. [40 CFR 61.247(b)]

2913 Submit notification: Due 90 days before implementing alternative standards of 40 CFR 61.243-1 or 40 CFR 61.243-2. Subpart V. [40 CFR 61.247(d)]

2914 Submit Notification in writing: Due within 90 days of the effective date of 40 CFR 61 Subpart V, except as specified. Submit a statement that the requirements of 40 CFR 61.242, 40 CFR 61.245, 40 CFR 61.246 and 40 CFR 61.247 are being implemented. Include the information specified in 40 CFR 61.247(a)(5) and (c). Subpart V. [40 CFR 61.247]

2915 Submit Notification in writing: Due with the application for approval of construction, as described in 40 CFR 61.07. Submit a statement that the requirements of 40 CFR 61.242, 40 CFR 61.245, 40 CFR 61.246 and 40 CFR 61.247 are being implemented. Include the information specified in 40 CFR 61.247(a)(5) and (c). Subpart V. [40 CFR 61.247]

2916 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records specified in 40 CFR 63.774(b)(9) to document compliance with 40 CFR 60 Subpart KKK, 40 CFR 61 Subpart V, or 40 CFR 63 Subpart H. Subpart HH. [40 CFR 63.760(g)]

SPECIFIC REQUIREMENTS

AI ID: 122793 - Title V General Permit
Activity Number: PER20040001
Permit Number: General Permit
Air - Title V General Permit Initial

FUG001 Fugitive Emissions - Equipment Leaks

2917 Pressure relief device in gas/vapor VHAP service: VOC, Total monitored by technically sound method quarterly and within 5 days after each pressure release to detect leaks, except as specified in 40 CFR 63.769(c)(1)(i) and (c)(1)(ii). If a reading of 10,000 ppm or greater is recorded, a leak is detected. If a leak is detected, initial repair provisions specified in 40 CFR 63.769(c)(3). Subpart HH. [40 CFR 63.769(c)(1)]
Which Months: All Year Statistical Basis: None specified

2918 Pressure relief devices in VHAP service: Repair leak no later than 15 calendar days after it is detected, unless a delay in repair of equipment is allowed under 40 CFR 61.242-10. Subpart HH. [40 CFR 63.769(c)(3)]

2919 Meet the requirements specified in 40 CFR 61 Subpart V, Sections 61.241 through 61.247, except as specified in 40 CFR 63.769(c)(1) through (c)(8). Subpart HH. [40 CFR 63.769(c)]

2920 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in 40 CFR 63.774(b) through (e). Subpart HH. [40 CFR 63.774]